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OF THE

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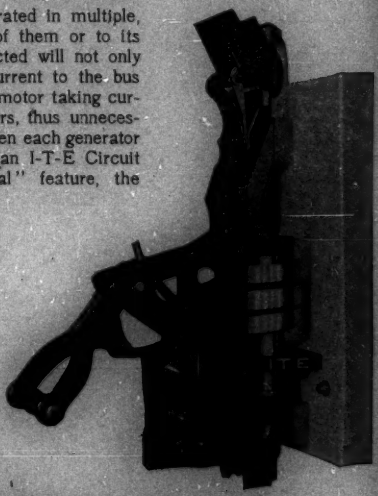

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DAVIS, MINOR M., Traffic Manager and Assistant Electrical Engineer, Postal Telegraph-Cable Co., 253 Broadway, New York City. — A Apr. 6, 1886; M May 16, 1893

DAWSON, PHILIP, Consulting Engineer, Kincaid, Waller & Manville, 29 George St., Westminster, London. — A Sep. 25, 1895; M Feb. 17, 1897

DECKER, EDWARD P., Engineer, with Westinghouse, Church, Kerr & Co., 8 Bridge St., New York. — A Feb. 26, 1896; M Oct. 27, 1897

DELANY, PATRICK BERNARD, Inventor, South Orange, N. J. — A Apr. 19, 1884; M Nov. 24, 1891

DENHAM, JOHN, Electrician, Cape Government, Cape Town, South Africa. — A Jan. 24, 1900; M May 15, 1900

DE WAAL, WM. H., Engineer, c/o Dr. Vermey, Bussum, Holland. — A Apr. 25, 1900; M June 19, 1903

DICKENSON, SAMUEL S., Superintendent, Commercial Cable Co., Hazel-Hill, Guysborough Co., N. S. — A Mar. 6, 1888; M Oct. 1, 1889

DIEHL, PHILIP, Inventor, Singer Sewing Machine Co.; res., 528 Morris Ave., Elizabeth, N. J. — A Apr. 15, 1884; M Dec. 9, 1884

DION, ADOLPHE ALFRED, General Supt., The Ottawa Electric Co., 72 Sparks St., Ottawa, Ont. — A Jan. 7, 1890 M Nov 15, 1893

DOANE, SAMUEL EVERETT, Engineer National Electric Lamp Co., Mason & Belden Sts., Cleveland, O. [Life Member.] — A Aug. 6, 1889 M June 27, 1895

DODGE, OMENZO G., Prof. U. S. Navy, Naval Academy, Annapolis, Md. — A Sep. 20, 1893 M Apr. 17, 1895

DOHERTY, HENRY L., 40 Wall St., New York City. — A Sep. 28, 1898 M July 25, 1902

DOMMERQUE, FRANZ J., Kellogg Switchboard and Supply, cor. Congress and Green Sts., Chicago, Ill. — A Oct. 17, 1894 M Mar. 25, 1896

DONNER, WILLIAM H., Ingleside, 31 Lyndhurst Road, Hampstead, Eng. — A Nov. 18, 1890 M Dec. 16, 1890

DOW, ALEX, Manager, Edison Illuminating Co., 18 Washington Ave.; res., 844 Cass Ave., Detroit. — A Sep. 20, 1893 M Dec. 18, 1895

DOYER, H., Consulting Electrical Engineer, 8 Phœnixstraat Delft, Holland. — A Jan. 7, 1890 M Mar. 18, 1890

DUDLEY, CHARLES B., Chemist, Penn. R. R. Co., Drawer 334, Altoona, Pa. — A Oct. 1, 1889 M Nov. 12, 1889

DUNBAR, F. W., Engineer, Kellogg Switchboard and Supply Co., S. W. cor. Green and Congress Sts.; res., 41 Madison Park, Chicago, Ill. — A Dec. 21, 1892 M May 16, 1893

DUNCAN, DR. LOUIS, (*Past-President*) Electrical Engineering Department, Massachusetts Institute of Technology, Boston, Mass. — A July 12, 1887 M Sep. 6, 1887

DUNLAP, WILL KNOX, Supt. of Construction, Westinghouse Elec. and Mfg. Co., Pittsburg, Pa. — A Sep. 25, 1889 M June 24, 1895

DUNN, GANO SILLICK, *M.S., E.E.*, (*Manager*), Vice-President and Chief Engineer, Crocker-Wheeler Co., Ampere, N. J. — A Apr. 21, 1891 M June 20, 1894

DUSINBERRE, GEORGE BROWN, Assistant to Fourth Vice-President Westinghouse Electric and Mfg. Co., Pittsburg, res., Edgewood Park, Pa. — A Nov. 22, 1901 M July 25, 1902

DYER, R. N., Patent Attorney, 31 Nassau St., New York City. — A July 12, 1887 M Sep. 6, 1887

EASTERBROOK, JOHN F., Electrical Engineer, Westinghouse E. and M. Co., Pittsburg, Pa. — A Nov. 21, 1902 M June 19, 1903

EDGAR, C. L., President Edison Elec. Illuminating Co. of Boston, 70 State St., Boston, Mass. — A Jan. 22, 1896 M May 19, 1896

EDISON, THOMAS A., Mechanician and Inventor, Llewellyn Park, N. J. — A Apr. 15, 1884 M Oct. 21, 1884

EGGER, ERNST, Technical Director, Vereinigte Elektricitäts-Actien Gesellschaft, Simmeringstr. 187, Vienna, X., Austria. — A Feb. 21, 1893 M Mar. 21, 1894

EMMET, W. L. R., Electrical Engineer, General Electric Co., Schenectady, N. Y. — A June 6, 1893 M Jan. 17, 1894

ESTY, WILLIAM, [*Local Secretary*] Assistant Professor of Electrical Engineering, Lehigh University, So. Bethlehem, Pa. — A Mar. 20, 1895 M Apr. 24, 1903

FESSENDEN, REGINALD A., Norfolk, Va. — A Oct. 21, 1890 M Dec. 16, 1890

FIELD, CORNELIUS J., *M.E.*, 29 Broadway, New York City. — A June 8, 1887 M Nov. 1, 1887

FIELD, HENRY GEORGE, Consulting Engineer, Field & Hinchman, 710 Wash. Arcade Building, Detroit, Mich. — A Apr. 22, 1896 M Dec. 16, 1896

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FIELD, STEPHEN D., Electrical Engineer, Stockbridge, Mass. — A Apr. 15, 1884; M Oct. 21, 1884

FISH, WALTER CLARK, Manager Lynn Works, General Electric Co., Lynn, Mass. — A June 26, 1891; M Feb. 26, 1896

FISHER, HENRY W., Superintendent, Pittsburg Factory and Electrical Engineer, Standard Underground Cable Co.; res., 5403 Friendship Ave., Pittsburg. — A Jan. 16, 1895; M Apr. 26, 1901

FITZMAURICE, JAMES S., (*Local Honorary Secretary*), Chief Engineer, The Electric Light Branch, 210 George St., Sydney, N. S. W. — A Sep. 20, 1893; M Mar. 21, 1894

FLACK, J. DAY, *M.E.*, Engineer and Superintendent, A. D. Granger Co., 95 Liberty St., New York. — A Dec. 6, 1887; M May 21, 1895

FORTENBAUGH, S. B., Electrical Engineer, Underground Elect. Railways Co. of London, Ltd., 37 Hamilton House, Victoria Embankment, London. — A Apr. 17, 1895; M Dec. 16, 1896

FOSTER HORATIO A., Electrical Engineer, 650 Bullitt Building, Philadelphia, Pa. — A June 8, 1887; M Sep. 6, 1887

FOSTER, SAMUEL L., Chief Electrician, United Railroads of S. F.; res. 3687 24th St., San Francisco. — A Feb. 23, 1896; M Nov 18, 1896

FRANKLIN, W. S., Professor of Physics and Electrical Engineering, Lehigh University, Bethlehem, Pa. — A Jan. 22, 1896; M Sep. 26, 1902

FREEDMAN, WILLIAM H., Professor of Electrical Engineering, University of Vermont, Burlington, Vt. — A Mar. 18, 1890; M Dec. 18, 1895

FREEMAN, FRANK L., Solicitor of Patents, Electrical Expert, 931 F St., Washington, D. C. — A May 7, 1889; M Sep. 3, 1889

GALE, HORACE B., Mechanical and Electrical Engineer, Natick, and 246 Atlantic Ave., Boston, Mass. — A Nov 15, 1892; M May 16, 1893

GANZ, ALBERT F., Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. — A Apr. 26, 1899; M June 19, 1902

GARFIELD, ALEX. STANLEY, Engineer, 10 Rue de Londres; res., 67 Avenue de Malakoff, Paris, France. — A Jan. 26, 1898; M June 28, 1901

GARRATT, ALLAN V., Chief Engineer, Lombard Governor Co., 36 Whittier St., Boston, Mass. — A Apr 2, 1889; M May 7, 1889

GERRY, M. H., JR., Chief Engineer and General Manager, Missouri River Power Co., Helena, Mont. — A Apr. 18, 1893; M Oct. 21, 1896

GHARKY, WILLIAM DAVID, Engineer & Contractor, 334 North Broad St., Philadelphia, Pa. — A May 21, 1895; M Feb. 26, 1896

GIFFORD, CLARENCE E., Electrical Supervisor Lackawanna Steel Co., Buffalo, N. Y. — A May 16, 1893; M Feb. 21, 1894

GLADSON, WM. N., Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. — A Dec. 28, 1898; M Jan. 24, 1902

GODDARD, CHRIS. M., Secy. Underwriters' National Electric Assn., 55 Kilby St., Boston, Mass. — A Apr. 22, 1896; M Feb. 28, 1902

GOLDSBOROUGH, WINDER ELWELL, *M.E.* (*Manager*), Professor of Electrical Engineering and Director of Electrical Laboratory, Purdue University, Lafayette, Ind.; Chief of Department of Electricity, Universal Exposition, St. Louis, Mo. — A Mar. 21, 1893; M Jan. 25, 1899

GOLTZ, WILLIAM, Consulting Electrical Engineer, Goltz Engineering Co., 1504 Monadnock, Chicago, Ill. — A Oct. 27, 1897; M Feb. 23, 1898

GOODMAN, WM. GEO. TOPP, [*Local Honorary Secretary,*] Electrical Engineer, Noyes Bros., Electrical Engineers, Dunedin, New Zealand. — A Aug. 23, 1899; M May 15, 1900

GOSSLER, PHILIP GREEN, General Superintendent and Electrical Engineer, Montreal Light, Heat and Power Co., New York Life Building, Montreal. — A June 20, 1894 M June 24, 1898

GOTSHALL, WM. C., Consulting Engineer, 76 William St., New York City. — A Jan. 9, 1901 M Jan. 24, 1902

GREENWOOD, WALTER GEORGE, Electrical Engineer and Superintendent, Jalapa Railway and Power Co., Jalapa, V. C., Mexico. — A Jan. 24, 1900 M Oct. 24, 1902

GREGG, TOM HOWARD, Supt. Electrical Construction, U. S. Light House Board, Tompkinsville, N. Y. — A. Mar 22, 1899 M Sep. 26, 1900

GUTMANN, LUDWIG, Consulting Electrical Engineer, 309 Y. M. C. A. Building, Peoria, Ill. — A Sep. 14, 1888 M Mar. 21, 1893

HADAWAY, W. S. JR., Electric Heating Engineer, 228 West Broadway, New York City. — A Nov. 21, 1894 M Oct. 21, 1896

HADLEY, ARTHUR L., Electrical Engineer, Fort Wayne Electric Works, Fort Wayne, Ind. — A Oct. 17, 1894 M Mar. 22, 1901

HADLEY, FREDK. W., Electrical Engineer, c/o Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City. [Life Member.] — A Aug. 5, 1896 M Feb. 28, 1901

HAFER, GEORGE, JR., 8 Live Stock Exchange, East Buffalo, N. Y. — A Nov. 23, 1900 M Apr. 26, 1901

HALL, CLAYTON C., Attorney-at-Law and Consulting Actuary, 10 South St., Baltimore, Md. — A April 15, 1884 M Oct. 21, 1884

HALL, JOHN L., District Manager, Bullock Electric Mfg. Co., 609 North American Bldg. Philadelphia, Pa. — A Sep. 22, 1891 M Dec. 20, 1893

HALL, WALTER ATWOOD, Designing Engineer, General Electric Co., Lynn, Mass. — A Apr. 23, 1903 M Oct. 23, 1903

HAMILTON, GEO. A. (*Treasurer*), Electrician, Western Electric Co., 463 West St., New York City. — A Apr. 15, 1884 M Oct. 21, 1884

HAMMER, EDWIN W., Electrical Engineer, 18 North 22d St., East Orange, N. J. — A Nov. 18, 1896 M June 23, 1897

HAMMER, WILLIAM J., Consulting and Supervising Electrical Engineer, 1406 Havemeyer Bldg., 26 Cortlandt St., New York City. [Life Member.] — A June 8, 1887 M July 12, 1887

HANCHETT, GEO. T., Electrical and Mechanical Engineer, 114 Liberty St., New York City. — A May 19, 1896 M Feb. 15, 1899

HARRINGTON, WALTER E., Electric Railway Engineer, 200 Market St, Camden, N. J. — A Mar. 17, 1891 M May 19, 1899

HARTMAN, HERBERT T., 2d V. P. and Chief Engineer, 1406 Land Title Bldg., Philadelphia, Pa. — A Mar. 21, 1893 M May 19, 1903

HARTWELL, ARTHUR, Sales Manager, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. — A May 15, 1894 M Nov. 20, 1895

HASKINS, CARYL DAVIS, Electrical Engineer, General Electric Co., Schenectady, N. Y. — A Mar. 18, 1890 M June 20, 1894

HASSON, W. F. C., Instructor in Mathematics, U. S. Naval Academy, Annapolis, Md. — A Mar. 18, 1890 M May 15, 1894

HAYES, HAMMOND V., Electrical Engineer, American Telephone & Tel. Co., 125 Milk St., Boston, Mass. — A Nov. 12, 1889 M Mar. 18, 1890

HAYES, HARRY E., Asst. Electrician, American Telegraph and Telephone Co., 125 Milk St., Boston. — A Apr. 18, 1893 M Dec. 20, 1893

HEATH, HARRY E., Chief Engineer, Eddy Electric Mfg. Co., Windsor, Conn. — A Mar. 21, 1893 M Mar. 25, 1896

HEINRICH, RICHARD O., General Manager, European Weston Electrical Instrument Co., 88 Ritterstrasse, Berlin, Germany. — A Oct. 1, 1889 M Oct. 25, 1892

HEITMANN, EDWARD, JR., Electrical Engineer, Stanley Instrument Co., Great Barrington, Mass. — A Oct. 24, 1900 M June 19, 1903

HENSHAW, FREDERICK V., Asst. Engineer, Crocker-Wheeler Co., Ampere, N. J. — A Feb. 5, 1889 M Nov. 20, 1895

HERDMAN, FRANK E., Mechanical and Electrical Engineer, Otis Elevator Co., Chicago, Ill. — A Dec. 18, 1895 M Oct. 21, 1896

HERING, CARL, (*Past-President*) Consulting Electrical Engineer, Room 615, 929 Chestnut St., res., 901, 69th Ave., Oak Lane, Philadelphia, Pa. [Life Member.] — A Jan. 3, 1888 M June 5, 1888

HERRICK, CHARLES H., Superintendent Isolated Lighting and Power Dept., Edison Electric Illuminating Co., 3 Head Pl., Boston, Mass. — A Apr. 21, 1891 M Jan. 17, 1893

HERZOG, F. BENEDICT, *Ph. D.*, President, Herzog Telesme Co., 51 W. 24th St., New York City. — A May 24, 1887 M July 12, 1887

HEWITT, CHARLES, Electrical Engineer, Philadelphia Rapid Transit Co., 428 West Stafford St., Germantown, Philadelphia, Pa. — A Sep. 16, 1890 M May 17, 1892

HEWLETT, ERNEST HOLCOMBE, 64 Victoria St., Westminster, London, Eng. — A Aug. 23, 1899 M Dec. 27, 1899

HIBBARD, ANGUS S., General Manager, Chicago Telephone Co., 203 Washington St., Chicago, Ill. — A Nov. 24, 1891 M Feb. 16, 1892

HIGGINS, EDWARD E., Treasurer McGraw-Marden Co., 32 Waverly Pl., New York City. — A June 8, 1887 M July 12, 1887

HILL, GEORGE, *C.E.*, Consulting Engineer, 100 Broadway, New York City. — A April 19, 1892 M June 28, 1901

HOBART, HENRY M., Consulting Engineer, Oswaldestre House, Norfolk St., Strand, London, Eng. — A Apr. 18, 1894 M Sep. 27, 1899

HOLMES, FRANKLIN S., Electrical Engineer, 26 Cortlandt St., New York City. — A Apr. 21, 1891 M June 20, 1894

HOOPES, MAURICE, Mechanical Engineer, J. G. White & Co., 43 Exchange Place, New York City. — A Nov. 22, 1901 M July 25, 1902

HOSMER, SIDNEY, Electrical Engineer, Edison Electric Illuminating Co., 3 Head Pl., Boston, Mass. — A May 18, 1897 M Jan. 24, 1902

HOUSTON, EDWIN J., *Ph.D.* (*Past-President*) Prof. of Physics, Franklin Inst., Philadelphia, Pa. [Life Member.] — A Apr. 15, 1884 M Oct. 21, 1884

HOWELL, JOHN W., Engineer, Lamp Works, General Electric Co., Harrison, N. J. — A July 12, 1887 M June 5, 1888

HOWELL, WILSON S., Manager, Lamp Testing Bureau, 14 Jay St., New York City. — A Sep. 3, 1889 M Mar. 18, 1890

HOWLAND, LEWIS A., Reid Newfoundland Co., St. Johns, Newfoundland. — A July 26, 1900 M Feb. 28, 1902

HUBLEY, GEORGE WILBUR, Superintendent and Electrical Engineer, Louisville Electric Light Co.; res., 504 West St. Catherine St., Louisville, Ky. — A Sep. 19, 1894 M May 15, 1900

HUMPHREY, HENRY H., Consulting Electrical Engineer, Suite 1305 Chemical Building, St. Louis, Mo. — A Dec. 16, 1896 M April 28, 1897

HUNT, ANDREW MURRAY, Electrical Engineer, 331 Pine St., San Francisco, Cal. — A Feb. 28, 1900 M July 28, 1903

HUNTER, RUDOLPH M., Expert and Counsellor in Patent Causes, 926 Walnut St., Philadelphia, Pa. — A July 13, 1886 M May 17, 1887

HUNTING, FRED S., Sales Manager and Treasurer, Fort Wayne Electric Works, Fort Wayne, Ind. — A Nov. 15, 1892 M May 16, 1893

HUNTINGTON, DAVID L., General Manager and Chief Engineer, The Washington Water Power Co., Spokane, Washington. — A May 20, 1902 M Sep. 26, 1902

HUTCHINSON, CARY TALCOTT, Consulting Electrical Engineer, 56 Pine St., New York City. [Life Member.] — A Feb. 7, 1890; M Dec. 16, 1890

HUTTON, CHARLES WILLIAM, Designing Electrical Engineer, Sacramento, Cal. — A Feb. 15, 1899; M July 28, 1903

HYDE, JEROME W., Asst. Treasurer, The Springfield Steam Power Co., Springfield, Mass. — A June 8, 1887; M Nov. 1, 1887

IHLDER, JOHN D., Electrical Engineer, Otis Elevator Co., Yonkers, N. Y. — A Oct. 2, 1888; M June 19, 1903

IMLAY, LORIN EVERETT, Assistant Superintendent, Niagara Falls Power Co., Niagara Falls, N. Y. — A July 26, 1900; M Nov. 20, 1903

INRIG, ALEC GAVAN, Calydon, Goldworth Road, Woking, Eng. — A Jan. 19, 1892; M May 17, 1892

JACKSON, DUGALD C., Consulting Engineer, Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. — A May 3, 1887; M June 17, 1890

JACKSON, FRANCIS E., Incandescent Filaments Manufacturer, 128 Essex Ave., Orange, N. J. — A Jan. 3, 1888; M June 17, 1890

JACKSON, JOHN PRICE, [*Local Secretary*] Professor of Electrical Engineering, Penn. State College, State College, Pa. — A Sep. 27, 1892; M Jan. 17, 1894

JACKSON, WM. B., Consulting Engineer, Madison, Wis. [Life Member.] — A Aug. 13, 1897; M June 24, 1898

JANNUS, FRANKLAND, Attorney-at-Law, Solicitor of Patents, 141 Broadway, New York City. — A Nov. 12, 1889; M Mar. 18, 1890

JEHL, FRANCIS, I Meszaros-utcza 18, Budapest, Austria-Hungary. — A June 27, 1895; M Jan. 22, 1896

JENKS, WILLIAM J., Secretary, Board of Patent Control, 120 Broadway, New York City — A June 8, 1887; M Nov. 1, 1887

JOHANNESEN, SVEND EMANUEL, Electrical Engineer, Westinghouse E. & Mfg. Co., Pittsburg, Pa. — A Jan. 23, 1903; M Apr. 24, 1903

JONES, BENJAMIN NEEDHAM, Electrician, Marine Eng. and Machine Co., Harrison, N. J. — A Oct. 24, 1902; M June 19, 1903

JONES, FRANCIS WILEY, Electrical Engineer, Postal Telegraph-Cable Co., 253 Broadway, New York City. [Life Member.] — A Apr. 15, 1884; M Oct. 21, 1884

KEITH, NATHANIEL S., Mining and Metallurgical Engineer, High Hill, Va. — A Apr. 15, 1884; M Jan. 17, 1894

KELLY, JOHN F., *Ph.D.*, President and Consulting Engineer, The John F. Kelly Engineering Co., Singer Building, 149 Broadway, New York City. — A May 16, 1899; M July 25, 1902

KELSCH, RAYMOND STERLING, General Superintendent and Engineer, The L. R. H. & L. Co., 160 McCord St., Montreal, P. Q. — A May 20, 1902; M May 19, 1903

KENAN, WM. R., JR., Traders' Paper Co., Lockport, N. Y. — A Jan. 20, 1897; M Apr. 26, 1901

KENNEDY, JEREMIAH J., Consulting Engineer, 52 Broadway, New York City. — A July 26, 1900; M July 25, 1902

KENNELLY, ARTHUR E., (*Past-President*) Department of Engineering Pierce Hall, Harvard University Cambridge, Mass. [Life Member.] — A May 1, 1888; M May 16, 1899

KILGOUR, HAMILTON, Borough Electrical Engineer, 335 High St., Cheltenham, England. — A Apr. 26, 1901; M Jan. 24, 1902

KINSMAN, FRANK E., Electrical Engineer, 91 Liberty St., New York City; res., Plainfield, N. J. — A Sep. 27, 1892; M May 16, 1893

KINTNER, SAMUEL MONTGOMERY, Electrical Engineer, Westinghouse Electric and Mfg. Co., Pittsburg. — A Feb. 28, 1902; M July 28, 1903

KIRKLAND, JOHN W., So. African General Electric Co., Johannesburg, Transvaal. — A Mar. 21, 1894 M Sep. 26, 1900

KNOWLES, EDWARD R., *E.E.*, *C.E.*, Consulting Electrical Engineer, 136 Liberty St., New York City. — A June 8, 1887 M July 12, 1887

KNOX, CHAS. EDWIN, With C. O. Mailloux, Consulting Electrical Engineer, 76 William St., New York. — A May 16, 1899 M Dec. 27, 1899

KNUDSON, A. A., Electrical Engineer, Room 416, 32 Nassau St., New York City. — A Dec. 6, 1887 M Jan. 3, 1888

LAMME, BENJAMIN G., Assistant Chief Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. — A May 19, 1903 M July 28, 1903

LANGE, PHILIP A., Manager of Works, Westinghouse Electric and Manufacturing Co., Pittsburg, Pa. — A Mar. 6, 1888 M June 5, 1888

LANGTON, JOHN, Engineer, 99 John St., New York City. [Life Member.] — A Mar. 6, 1888 M June 5, 1888

LARDNER, HENRY ACKLEY, J. G. White & Co., 43 Exchange Place, New York City. — A Dec. 19, 1894 M May 16, 1899

LA ROCHE, FRED. A., F. A. La Roche & Co., 664 Hudson St.; res., 28 W. 25th St., New York City. — A Sep. 19, 1894 M Nov. 20, 1895

LAYMAN, W. A., Manager and Treasurer, Wagner Electric Mfg. Co., 2017 Locust St., St. Louis, Mo. — A Nov. 22, 1899 M Nov. 23, 1900

LEE, FRANCIS VALENTINE T., Engineer (Pacific Coast Dept.) Stanley Electric Mfg. Co., 69 New Montgomery St., San Francisco, Cal. — A Mar. 23, 1898 M Dec. 19, 1902

LEMP, HERMANN, JR., Electrician, General Electric Co.; res., 186 Allen Ave., Lynn, Mass. — A Apr. 2, 1889 M Feb. 21, 1893

LEONARD, H. WARD, Electrical Engineer, Prest. Ward Leonard Electric Co., Bronxville, N. Y. [Life Member.] — A July 12, 1887 M Sep. 6, 1887

LESLIE, EDWARD ANDREW, General Manager, Edison Electric Ill. Co., 360 Pearl St., Brooklyn, N. Y. — A Jan. 16, 1895 M Feb. 17, 1897

LEVIS, MINFORD, Consulting Electrical Engineer, 3413 Chestnut St., Philadelphia, Pa. — A Feb. 21, 1893 M June 23, 1897

LEWIS, WARREN B., Consulting Engineer, Room 732 Banigan Bldg., Providence, R. I. — A Jan. 23, 1903 M June 19, 1903

LEYDEN, HARRY RUSSELL, Manager, Hamilton Elec. Lt. and Cataract Power Co., Hamilton, Ont. — A Nov. 23, 1900 M Feb. 28, 1901

LIEB, JOHN WILLIAM, JR. (*Vice-President*); Associate General Mgr., The N. Y. Edison Co., 53 Duane St.; res., 869 West End Ave., New York City. — A Sep. 6, 1887 M Nov. 1, 1887

LIGHTHIPE, JAMES A., District Engineer, General Electric Co., Claus Spreckels Bldg., San Francisco. — A Feb. 21, 1894 M Apr. 17, 1895

LINCOLN, PAUL M., Westinghouse Electric and Mfg. Co., Pittsburg, Pa. — A Sep. 25, 1895 M June 24, 1898

LLOYD, HERBERT, Vice-President and General Manager, The Electric Storage Battery Co., Allegheny Ave. and 19th St., Philadelphia, Pa. — A June 20, 1894 M May 21, 1895

LLOYD, JOHN E., Chief Engineer and General Manager, Cape Town Tramways, Cape Town, S. A. — A Jan. 22, 1896 M Mar. 25, 1896

LLOYD, ROBERT McA., Electrician, 100 Broadway; res., 5 Gramercy Park, New York City. — A Oct. 21, 1890 M Nov. 15, 1893

LOCKWOOD, THOMAS D., Engineer, Expert and Manager of Patent Department, American Telephone and Telegraph Co., 119 Milk St., Boston, Mass. [Life Member.] — A Apr. 15, 1884 M Oct. 21, 1884

LOOMIS, OSBORN P., Electrical Engineer, Newport News Shipbuilding and Dry Dock Co., 321 49th St., Newport News, Va. — A Sep. 16, 1890 M Dec. 16, 1896

LORRAIN, JAMES GRIEVE, *M.I.E.E.*, *M.I.Mech.E.*, Chartered Patent Agent, Norfolk House, Norfolk St., London, W. C., Eng. — A May 16, 1891 / M May 15, 1894

LOVEJOY, J. R., General Manager, Supply Dept., General Electric Co., Schenectady, N. Y. — A Apr. 21, 1891 / M Feb. 21, 1894

LOZIER, ROBERT T. E. (*Manager*), General Manager, Sales Department, Bullock Electric Mfg. Co., Cincinnati, Ohio. — A May 20, 1890 / M Jan. 24, 1900

LUNDY, AYRES DERBY, Sargent & Lundy, 46–1000 E. Van Buren St., Chicago, Ill. — A Feb. 27, 1903 / M July 28, 1903

LYMAN, JAMES, Engineer, Western District, General Electric Co., Monadnock Bldg., Chicago. [Life Member.] — A Sep. 19, 1894 / M Jan. 9, 1901

MACCOUN, ANDREW ELLICOTT, Supt. Electrical Dept., The Carnegie Steel Co., Braddock, Pa. — A Nov. 20, 1895 / M July 18, 1899

MACFARLANE, ALEXANDER, *D.Sc.*, *LL.D.*, Lecturer on Mathematical Physics, Lehigh University; res., Gowrie Grove, Chatham, Ont. — A Jan. 19, 1892 / M May 17, 1892

MAHONY, JAMES J., Engineer General Electric Co., 44 Broad St., New York City. — A May 17, 1898 / M July 25, 1902

MAILLOUX, C. O. (*Vice-President*), Consulting Electrical Engineer, 76 William St.; res., 8 W. 71st St., New York City. [Life Member.] — A Apr. 15, 1884 / M Oct. 21, 1884

MANSFIELD, ARTHUR N., 125 Milk St., Boston, Mass. — A Dec. 20, 1893 / M June 20, 1894

MARKS, LOUIS B., *M.M.E.*, Electrical Engineer, 687 Broadway; res., 1 East 94th St., New York City. — A May 20, 1890 / M Jan. 16, 1895

MARKS, WILLIAM DENNIS, *Ph.B.*, *C.E.*, President, City Heat and Light Co., Fostoria, O. — A Feb. 7, 1888 / M May 1, 1888

MARSHALL, J. T., Asst. Engineer, Lamp Works; General Electric Co., Harrison; res., Metuchen, N. J. — A Oct. 1, 1889 / M Nov. 12, 1889

MARTIN, JULIUS, Master Electrician, Navy Yard, Brooklyn; res., 445 W. 21st St., New York City. — A Oct. 21, 1890 / M Nov. 20, 1895

MARVIN, HARRY N., President American Mutoscope and Biograph Co., 11 E. 14th St., New York. — A Apr. 19, 1892 / M Jan. 17, 1893

MAVER, WILLIAM, JR., Electrical Expert and Consulting Electrical Engr., 120 Liberty St., New York City; res., 182 Arlington Ave., Jersey City, N. J. — A July 12, 1887 / M Apr. 21, 1891

MAYER, GEORGE M., Mechanical and Electrical Engineer, 1131 Monadnock Bldg., Chicago, Ill. — A Dec. 16, 1890 / M June 20, 1894

MAYNARD, GEO. C., Electrical Engineer, Smithsonian Institution, Washington, D. C. — A Apr. 15, 1884 / M Dec. 9, 1888

MCCAY, H. KENT, Prest., McCay Engineering Co., 107 E. German St., Baltimore, Md. — A Sep. 16, 1890 / M May 19, 1891

MCCROSKY, JAMES W., J. G. White & Co., Ltd., 22a College Hill, Cannon St., E. C., London, Eng. — A Dec. 20, 1893 / M Dec. 16, 1896

MCCROSSAN, J. A., Electrician, 1049 Harwood St., Vancouver, B. C — A Oct. 18, 1893 / M Dec. 18, 1895

MEREDITH, WYNN, Electrical Engineer, Benjamin, Hunt & Meredith, 331 Pine St., San Francisco. — A Jan. 17, 1893 / M Nov. 20, 1903

MERSHON, RALPH D., (*Vice-President*), Consulting Engineer, 29 Broadway, New York City. — A Mar. 20, 1895 / M Jan. 22, 1896

MILLIS, JOHN, Major of Engineers, U. S. A., Seattle, Wash. — A July 7, 1884 / M Mar. 3, 1885

MITCHELL, JAMES, Constructing Engineer and Agent, [Life Member.] General Electric Co., Caixa do Correio No. 954, Rio de Janeiro, Brazil. — A Sep. 25, 1895 M Mar. 25, 1896

MIX, EDGAR W., Electrical Engineer, 12 Boulevard des Invalides, Paris, France. — A Sep. 3, 1889 M Mar. 20, 1895

MOLÉ, HARVEY EDWARD, British Westinghouse Co., Westinghouse Building, Norfolk St., Strand, London, W. C., Eng. — A Nov 30, 1897 M Sep. 27, 1901

MOLERA, E. J., Civil and Electrical Engineer, 606 Clay St., San Francisco, Cal. — A Jan. 16, 1892 M June 7, 1892

MOORE, D. MCFARLAN, Inventor, Moore Electrical Co., 52 Lawrence St., Newark, N. J. — A Dec. 20, 1893 M June 20, 1894

MOORE, WM. E., General Superintendent and Electrician, Pittsburg, McKeesport & Connellsville Ry. Co., Connellsville, Pa. — A Jan. 22, 1896 M Sep. 27, 1899

MORROW, JOHN THOMAS, Green Consolidated Copper Co., Cananea, Sonora, Mex. — A Dec. 21, 1892 M Apr. 18, 1894

DE MURALT, CARL L., Electrical Engineer, 25 Pine St., New York City; res., Zurich, Switzerland. — A May 15, 1900 M Nov. 22, 1901

MURPHY, JOHN, Superintendent Power Houses, The Ottawa Electric Co., Ottawa, Ont. — A May 15, 1900 M Apr. 26, 1901

MURRAY, THOS. E., Second V. P. and General Manager, Edison Co., 55 Duane St., New York City. — A May 21, 1901 M Sep. 26, 1902

MUSCHENHEIM, FREDK. A., Electrical Engineer, Western Electric Co., 463 West St., New York City. — A Apr. 27, 1898 M Sep. 27, 1901

NEILER, SAMUEL G., Member of the Firm of Pierce, Richardson & Neiler, Consulting and Designing Engineers, 1405 Manhattan Bld., Chicago, Ill. — A Apr. 18, 1894 M Dec. 18, 1895

NICHOLS, EDWARD L., Professor of Physics, Cornell University; res., 5 South Ave., Ithaca, N. Y. — A Oct. 4, 1887 M Dec 6, 1887

NICHOLSON, WALTER W., General Supt. Central N. Y. Telephone and Telegraph Co., Telephone Building, Utica, N. Y. — A May 15, 1894 M May 18, 1897

NOLL, AUGUSTUS, Contracting Electrical Engineer, 8 East 17th St., New York City. — A Sep. 27, 1892 M Apr. 18, 1893

NUNN, PAUL N., Chief Engineer, Telluride Power Co., Telluride, Colo. — A Apr. 17, 1895 M Feb. 26, 1896

O'DEA, MICHAEL TORPEY, 71 No. State St., Chicago, Ill. — A June 8, 1887 M Mar. 25, 1896

OSTERBERG, MAX, *E.E., A.M.*, Consulting Engineer and Electrical Expert, 11 Broadway, New York City. — A Jan. 17, 1894 M Jan. 23, 1903

OUDIN, MAURICE A., Electrical Engineer, General Electric Co., Schenectady, N. Y. — A June 20, 1894 M Nov. 20, 1895

OWENS, ROBERT BOWIE, (*Local Honorary Secretary*) McDonald Professor of Electrical Engineering, McGill University, Montreal, P. Q. — A June 17, 1890 M Dec. 15, 1897

PACKARD, GRENVILLE FREDERICK, Chief Engineer, Stow Mfg. Co., Binghamton, N. Y. — A Sep. 26, 1902 M July 28, 1903

PAINE, F. B. H., Westinghouse Electric and Mfg. Co., 120 Broadway, New York City; res., Englewood, N. J. — A Dec. 16, 1890 M Nov. 25, 1891

PAINE, SIDNEY B., General Electric Co., 84 State St., Boston, Mass. — A June 8, 1887 M Nov. 1, 1887

PARKER, LEE HAMILTON, Fort Wayne Electric Works, Fort Wayne, Ind. — A Aug. 5, 1895 M Dec. 16, 1896

PARKS, C. WELLMAN, Civil Engineer, U. S. N., Navy Yard, Boston, Mass. — A July 12, 1887; M May 1, 1888

PARSHALL, HORACE FIELD (*Local Honorary Secretary*), Consulting Engineer, Salisbury House, London, Wall, E. C., London, Eng. — A Sep. 7, 1888; M Mar. 18, 1890

PATTISON, FRANK A., Firm of Pattison Bros. Consulting and Constructing Electrical Engineers, Fuller Building, New York City. — A Sep. 22, 1891; M Dec. 16, 1891

PEARSON, F. S., Engineer, 29 Broadway, New York City. — A Oct. 25, 1892; M Feb. 21, 1893

PEARSON, WALTER AMBROSE, Electrical Engineer, Interurban Street Railway, Co. 621 Broadway, New York City. — A Apr. 23, 1903; M Nov. 20, 1903

PECK, JOHN SEDGWICK, Electrical Designer, The Westinghouse E. & M. Co., Pittsburg, Pa. — A Apr. 26, 1899; M May 15, 1900

PEDERSEN, FREDERICK MALLING, *M.S.*, *E.E.*, Tutor in Mathematics, College of the City of New York, 17 Lexington Ave., New York City. — A Sep. 20, 1893; M June 24, 1898

PEROT, L. KNOWLES, President of Phœnix Gas and Electric Co., 915 Arcade Building, Philadelphia. — A Mar. 15, 1892; M Dec. 18, 1895

PERRINE, FREDERIC A. C., *D.Sc.*, President Stanley Electric Mfg. Co., Pittsfield, Mass. — A Sep. 16, 1890; M Dec. 16, 1890

PERRY, JOHN, Royal College of Science, South Kensington, 34 Palace Gardens Terrace, London, W. England. — A Mar. 22, 1901; M June 28, 1901

PICKERNELL, F. A., Engineer, Amer. Telephone and Telegraph Co., 125 Milk St., Boston, Mass. — A Feb. 7, 1890; M Mar. 18, 1890

PIERCE, RICHARD H., 140 State St., Room 900, Boston; res., 16 Revere St., Jamaica Plain, Mass. — A Apr. 18, 1893; M Dec. 20, 1893

PIKE, CLAYTON W., *B.S.*, Electrical Engineer, Keller, Pike & Co., 112 N. 12th St., Philadelphia, Pa. — A Dec. 16, 1891; M Oct. 25, 1892

PINKERTON, ANDREW, Electrical Engineer, American Sheet Steel Co., Vandergrift, Pa. — A Sep. 25, 1895; M June 28, 1901

POOLE, CECIL P., Editor *American Electrician*, 114 Liberty St., New York City. — A Jan. 3, 1888; M July 25, 1902

POOLE, CHARLES OSCAR, With Hendric & Boltoff, 1621 17th St., Denver, Colo. — A Jan. 24, 1900; M May 19, 1903

PORTER, JOSEPH F., *C.E.*, President and Managing Engineer, Alton Railway, Gas and Electric Co. Alton, Ill. — A Sep. 6, 1887; M Nov. 1, 1887

POTTER, HENRY NOEL, 510 West 23d St., New York City; res., Rochelle Park, New Rochelle, N. Y. — A Sep. 19, 1894; M Dec. 19, 1902

POTTER, WM. BANCROFT, Engineer Railway Dept., General Electric Co., Schenectady, N. Y. — A Jan. 22, 1896; M Mar. 25, 1896

PRATT, ROBERT J., Electrician, Honolulu Iron Works, Honolulu, H. I. — A July 12, 1887; M Sep. 6, 1887

PUFFER, WM. L., Assistant Professor of Electrical Engineering, Mass. Institute of Tech., Boston, Mass. — A Dec. 20, 1893; M Apr. 17, 1895

RAE, FRANK B., Electrical and Mechanical Engineer, Exchange Court, 52 Broadway, New York City. — A Apr. 15, 1884; M Oct. 25, 1892

REBER, HENRY LINTON, General Manager, Sec'y and Chief Engineer, Kinloch Telephone Co., Century Building, St. Louis, Mo. — A May 19, 1903; M Dec. 18, 1903

REBER, SAMUEL (*Manager*), Major, U. S. A., War Department, Washington, D. C. — A Sep. 20, 1893; M Jan. 22, 1896

RECKENZAUN, FREDERICK, Electrical Engineer, 77 Chambers St., New York City. — A Mar. 6, 1888; M June 5, 1888

REDMAN, GEO. A., General Supt., Electric Dept., Brush Elec. Light Co., and Rochester Gas and Elec. Co., 82 Andrews St., Rochester, N. Y. — A Feb. 27, 1895; M May 17, 1898

REID, THORBURN, Consulting Electrical Engineer, 35 Nassau St., New York City. — A Oct. 21, 1890; M June 24, 1898

REIST, HENRY G., Designing Engineer, General Electric Co., Schenectady, N. Y. — A June 17, 1890; M Dec. 19, 1894

RENO, C. STOWE, Electrical Engineer, Triumph Electric Co., 610 Baymiller St., Cincinnati, Ohio. — A Nov. 23, 1898; M July 18, 1899

RICE, CALVIN WINSOR, *S.B.* (*Vice-President*), Consulting Engineer, General Electric Co., 44 Broad St.; res., 348 Central Park West, New York City. — A Jan. 20, 1897; M Apr. 28, 1897

RICE, E. WILBUR, JR., Technical Director, The General Electric Co., Schenectady, N. Y. — A Dec. 6, 1887; M Jan. 3, 1888

RICHARDSON, ROBERT E., Vice-President of Pierce, Richardson & Neiler, 1409 Manhattan Building, Chicago; General Manager, K. C. Electric Light Co., Kansas City, Mo. — A Sep. 19, 1894; M May 18, 1897

RIDLEY, A. E. BROOKE, Electrical Engineer and Contractor, 18 Fell St., San Francisco, Cal. — A Nov. 21, 1894; M Nov. 23, 1898

RIES, ELIAS E., Electrical Engineer and Inventor, 116 Nassau St.; res., 4 W. 115th St., New York City. — A July 12, 1887; M Sep. 6, 1887

RIKER, ANDREW L., Electrical Engineer, Locomobile Co., of America, Bridgeport, Conn. [Life Member.] — A Nov. 1, 1887; M Dec. 18, 1895

ROBB, RUSSELL, With Stone & Webster, 84 State St., Boston, Mass. — A Oct. 18, 1893; M May 21, 1895

ROBB, WM. LISPENARD, Professor of Physics and Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. — A Dec. 16, 1891; M Mar. 15, 1892

ROBERTS, E. P., E. P. Roberts & Co., Consulting Engineers, Electric Building, Cleveland, Ohio. — A Jan. 6, 1885; M Feb. 3, 1885

ROBERTSON, ROBERT, Partner, John Strain, M. Inst. C. E., 154 West George St., Glasgow, Scotland. — A Jan. 23, 1903; M Apr. 24, 1903

RODGERS, HOWARD S., Vice-President, The Merchants National Bank, Cincinnati, Ohio. — A Sep. 27, 1892; M May 16, 1893

ROHRER, ALBERT L., Electrical Supt., Schenectady Works, General Electric Co., Schenectady, N. Y. — A Nov. 1, 1887; M May 1, 1888

ROLLER, FRANK W., *M.E.*, Electrical Engineer, Machado & Roller, Electrical Machinery, 203 Broadway, New York City. — A May 21, 1895; M Sep. 27, 1901

ROLLER, JOHN E., Commander U. S. N., Navy Department, Norfolk, Va. — A Sep. 19, 1894; M May 19, 1896

ROSA, EDWARD B., Physicist, National Bureau of Standards, Washington, D. C. — A Feb. 17, 1897; M May 18, 1897

ROSS, NORMAN N., Engineer, Stanley Electric Mfg. Co., 203 Equitable Building, Boston, Mass. — A Sep. 20, 1893; M Nov. 21, 1894

ROSS, ROBERT A., Mechanical and Electrical Consulting Engineer 78 St. Francis Xavier St., Montreal. — A Sep. 27, 1892; M Apr. 18, 1893

ROUQUETTE, WILLIAM F. B., Proprietor, Rouquette & Co., 47 Dey St., New York City. [Life Member.] — A Mar. 21, 1894; M Dec. 19, 1894

ROWE, GEORGE HERBERT, Professor of Electrical Engineering, Stanford University, Cal. — A Jan. 23, 1903; M July 28, 1903

RUSHMORE, DAVID B., Asst. Electrician, Stanley Elec. and Mfg. Co., Pittsfield, Mass. — A Sep. 25, 1895; M Jan. 24, 1902

RYAN, HARRIS J., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. — A Oct. 4, 1887; M Apr. 17, 1895

SACHS, JOSEPH, Electrical Engineer, The Johns-Pratt Company; res., 4 Cone St., Hartford, Conn. — A Mar. 15, 1892; M Dec. 15, 1897

SALOMONS, *Sir* DAVID LIONEL, *Bart., M.A.*, Engineer [Life Member.] 49 Grosvenor St., London — A Feb. 7, 1888; M May 1, 1888

SAMPSON, F. D., Manager, Charlotte Electric Light and Power Co., Charlotte, N. C. — A Aug. 5, 1896; M Oct. 27, 1897

SANDS, H. S., Consulting and Constructing Electrical Engineer, 1153 Market St., Wheeling, W. Va. — A Feb. 21, 1893; M Nov. 21, 1894

SARGENT, WILLIAM D., Vice-Prest. and General Manager, N. Y. & N. J. Tel. Co., 81 Willoughby St.; res., 820 Union St., Brooklyn, N. Y. — A Apr. 15, 1884; M Feb. 21, 1894

SCHEFFLER, FREDK. A., General Manager, Marine Engine & Machine Co., Harrison, Glen Ridge, N. J. — A May 16, 1893; M Jan. 26, 1896

SCHMID, ALBERT, Directen Genéral de la Société Industrielle d'Electricité procédés Westinghouse, 45 Rue de l'Arcade, Paris, France. — A Oct. 21, 1890; M Apr. 17, 1895

SCHOEN, A. M., Electrician, South Eastern Tariff Association, 433 Equitable Building, Atlanta, Ga. — A Sep. 20, 1893; M Dec. 16, 1896

SCHWEDTMANN, FERDINAND, General Supt., Wagner Electric Mfg. Co., 2017 Locust St., St. Louis, Mo. — A Nov. 22, 1899; M Nov. 23, 1900

SCOTT, CHARLES F. (*Past-President*), Chief Electrician, Westinghouse Electric and Mfg. Co.; Pittsburg, res., Edgewood Park, Pa. — A Apr. 19, 1892; M Jan. 17, 1893

SCOTT, JAMES B., Consulting Engineer, 808 Maryland Trust Bldg., Baltimore, Md. — A Aug. 5, 1896; M May 17, 1898

SETHMAN, GEORGE HENRY, Mechanical and Electrical Engineer, Skinner & Sethman, Denver, Colo. — A Nov. 23, 1900; M June 28, 1901

SEVER, GEORGE FRANCIS, (*Manager*) Adj. Prof. of Electrical Engineering, Columbia Univ., N. Y. City. — A Jan. 17, 1894; M May 19, 1896

SHAW, EDWIN C., Mechanical Engineer, The B. F. Goodrich Co.; res., 104 Park St., Akron, O. — A May 17, 1892; M Feb. 27, 1895

SHEA, DANIEL W., Professor of Physics, Catholic University of America, Washington, D. C. — A Dec. 20, 1893; M June 20, 1894

SHELDON, SAMUEL, *A.M., Ph.D.* (*Manager*), Professor [Life Member.] of Physics and Electrical Engineering, Polytechnic Institute, Brooklyn, N. Y. — A Dec. 16, 1890; M Oct. 27, 1891

SHEPARDSON, GEORGE D., Professor of Electrical Engineering, University of Minnesota, Minneapolis. — A Apr. 21, 1891; M Jan. 22, 1896

SINCLAIR, H. A., Electrical Engineer, Tucker Electric Co., 35 South William St., New York City. — A June 17, 1890; M Feb. 26, 1896

SKINNER, CHARLES EDWARD, Electrical Engineer, Westinghouse Electric & Mfg. Co., Pittsburg, Pa. — A Apr. 26, 1889; M July 28, 1903

SLICHTER, WALTER I., Electrical Engineer, General Electric Co.; res., 16 Gillespie St., Schenectady, N. Y. — A Apr. 25, 1900; M Oct. 23, 1903

SMITH, FRANK E., Consulting and Supervising Electrical Engineer, 183 Jessie St., San Francisco, Cal. — A Sep. 19, 1894; M July 18, 1899

SMITH, FRANK STUART, 2d Vice-President, Sawyer-Man Electric Co., 510 W. 23d St., New York City. — A Sep. 27, 1892; M Apr. 18, 1893

SMITH, HAROLD BABBITT, Professor of Electrical Engineering, Worcester Polytechnic Institute; res., 20 Trowbridge Road, Worcester, Mass. — A Nov. 24, 1891; M Apr. 25, 1900

SMITH, JESSE M., Consulting Electrical and Mechanical Engineer, Expert in Patent Cases, 220 Broadway, New York City. — A Apr. 15, 1884 M June 26, 1891

SMITH, T. CARPENTER, Member of Firm of M. R. Muckle Jr., & Co., 512 Stephen Girard Bldg., res.; The "Newport," Philadelphia, Pa. — A Oct. 27, 1891 M Dec. 16, 1891

SPARKS, CHARLES PRATT, Chief Engineer, The County of London Electric Lighting Co., London, E. C., Eng. — A Mar. 22, 1891 M June 28, 1901

SPERRY, ELMER A., Electrical Engineer, 855 Case Ave., Cleveland, Ohio. — A Apr. 15, 1884 M Feb. 21, 1893

SPRAGUE, FRANK J. (*Past-President*), Consulting Engineer, Sprague Electric Co., 20 Broad St.; res., The Turrets, Riverside Drive, New York City. — A May 24, 1887 M Feb. 17, 1897

SPRINGER, FRANK W., Assistant Professor Electrical Engineering, University of Minn., Minneapolis. — A Nov. 23, 1900 M Apr. 26, 1901

STANLEY, WILLIAM, Electrical Engineer and Inventor, Great Barrington, Mass. — A Dec. 6, 1887 M Oct. 26, 1898

STANTON, LEROY W., Superintendent of Equipment, The Federal Telephone Co., 901 Electric Building, Cleveland, Ohio. — A Aug. 22, 1902 M Jan. 23, 1903

STARK, EDGAR EVERETT, Electrical Engineer, Waiporé Falls Electric Co., Dunedin, N. Z. — A Jan. 23, 1903 M Dec. 18, 1903

STEARNS, CHARLES K., *E.E.*, Mechanical and Electrical Engineer, 93 Federal St., Boston, Mass. — A Aug. 6, 1889 M May 16, 1893

STEARNS, JOEL W., President, Mountain Electric Co., Denver, Colo. — A June 20, 1894 M Nov. 20, 1895

STEBBINS, THEODORE, C. S. & L. Ry., Columbus, Ohio. — A July 9, 1889 M June 17, 1891

STEINMETZ, CHARLES P. (*Past-President*), Electrician, General Electric Co., Schenectady, N. Y. — A Mar. 18, 1890 M Apr. 21, 1891

STEPHENS, GEORGE, Societe des Etablissements Postel-Vinay, 219 Rue de Vangirard, Paris, France. — A June 20, 1894 M Dec. 18, 1895

STEVENS, J. FRANKLIN, President Keystone Electrical Instrument Co., 9th St. and Montgomery Ave.; Philadelphia, Pa — A Sep. 19, 1894 M Feb. 28, 1901

STEWART, ROBERT STUART, British Westinghouse Electric and Mfg. Co., Trafford Park, Manchester, Eng. — A Dec. 20, 1896 M May 15, 1900

STILLWELL, LEWIS B., Consulting Electrical Engineer, Electrical Director, Rapid Transit Subway Construction Co., Park Row Bldg., New York City. — A Apr. 19, 1892 M Nov. 15, 1892

STORER, NORMAN WILSON, Electrical Engineer, Westinghouse Electric & Mfg. Co., Pittsburg, Pa. — A Dec. 18, 1895 M July 28, 1903

STORRS, H. A., Electrical Engineer, Reclamation Soc., U. S. Geological Survey, Chamber of Commerce Building, Denver, Colo. — A Mar. 21, 1893 M Jan. 24, 1900

STOTT, HENRY G., Supt. Motive Power, Manhattan Railway Co., New York City — A Sep. 25, 1895 M Apr. 22, 1896

STRONG, FREDERICK G., Box 959, Hartford, Conn. — A Oct. 27, 1891 M July 18, 1899

SUNNY, BERNARD EDWARD, Western Manager, General Electric Co., Monadnock Building, Chicago, Ill. — A Feb. 27, 1903 M Nov. 20, 1903

SWENSON, BERNARD VICTOR, Assistant Professor of Electrical Engineering, University of Wisconsin 404 W. Mifflin St., Madison, Wis. — A Feb. 27, 1895 M Mar. 27, 1903

SWINBURNE, JAMES, Consulting Electrical Engineer, 82 Victoria St., London, Eng. — A Jan 23, 1903 M Mar. 27, 1903

SWINTON, ALAN ARCHIBALD CAMPBELL, Consulting Electrical Engineer, 66 Victoria St., London. — A Mar. 22, 1901 M June 28, 1901

TERRY, CHARLES A. (*Manager*), Lawyer, Westinghouse Electric and Mfg. Co., 120 Broadway, New York. — A Apr. 5, 1887 M May 17, 1887

THEBERATH, THEODORE E., California Gas & Electric Corporation, Rialto Building, San Francisco. — A Mar. 23, 1898 M June 24, 1898

THOMAS, BENJAMIN F., Professor of Physics, Ohio State University, Columbus. O. — A June 7, 1892 M Nov. 15, 1892

THOMPSON, EDWARD P., Solicitor of Patents and Expert, 156 Fifth Ave., New York City. — A Apr. 15, 1884 M Dec. 3, 1889

THOMSON, ELIHU (*Past-President*) Electrician, General Electric, and Thomson Electric Welding Companies, Lynn; res., Swampscott, Mass. — A Apr. 15, 1884 M Apr. 21, 1891

THRESHER, ALFRED A., Electrical Engineer and Proprietor, Thresher Electric Co., Dayton, O. — A Apr. 22, 1896 M June 24, 1898

THURNAUER, ERNST, Manager, Thomson-Houston International Elec. Co., 27 Rue de Londres, Paris, France — A Oct. 14, 1887 M Dec. 6, 1887

TISCHENDORFER, F., Civil-Ingenieur, Elektrotechnisches Bureau, Ottostrasse 11, Berlin, N. W., Ger. — A Apr. 19, 1892 M Nov. 21, 1894

TRAFFORD, EDWARD W., Consulting Electrical Engineer, 27 Chamber of Commerce, Richmond, Va. — A Feb. 21, 1894 M Dec. 19, 1894

UEBELACKER, CHAS. F., With Ford ,Bacon & Davis, Hackensack, N. J. — A Feb. 7, 1890 M Nov. 15, 1893

UHLENHAUT, FRITZ, JR., Chief Engineer, Pittsburg Railway Co., Pittsburg, Pa. — A May 7, 1889 M Dec. 19, 1894

UPTON, FRANCIS R., *M.S.*, Edison Laboratory; res., 20 High St., Orange, N. J. — A May 17, 1887 M Mar. 15, 1892

VANSIZE, WILLIAM B., Solicitor of Patents, Expert in Patent Cases, 253 Broadway, New York City. [Life Member.] — A Apr. 15, 1884 M Oct. 21, 1884

VAN TRUMP, C. REGINALD, Engineer and Manager, Wilmington City Electric Co., Wilmington, Del. — A Feb. 5, 1886 M Feb. 21, 1894

VARLEY, RICHARD, JR., President, Varley Duplex Magnet Co., Phillipsdale, Providence, R. I. — A Apr. 25, 1900 M Feb. 28, 1901

VON RECKLINGHAUSEN, MAX, with George Westinghouse, 510 West 23d St., New York City. — A Jan. 24, 1902 M Apr. 24, 1903

WADDELL, MONTGOMERY, Consulting Engineer, 135 Broadway, New York City. — A Feb. 7, 1888 M May 1, 1888

WAGNER, HERBERT, A., Consulting Engineer, 415 Locust St., St. Louis, Mo., and *Times* Building, New York City. — A Sept. 28, 1898 M July 28, 1903

WAIT, HENRY H., Assistant Electrical Engineer, Western Electric Co., Chicgao, Ill. — A Sep. 20, 1893 M June 20, 1894

WALDO, LEONARD, Electrical Engineer, 49 Wall St., New York; res., 640 West 8th St., Plainfield, N. J. — A June 5, 1888 M Dec. 4, 1888

WALKER, SYDNEY F., Consulting Electrical Engineer, 12 Leinster Square, London W., Eng. — A June 2, 1885 M May 17, 1887

WALL, LOUIS JAMES BENARD, Full Partner, Splatt, Wall & Co., Perth, Western Australia. — A July 26, 1900 M Nov. 23, 1900

WARNER, ERNEST P., Electrical Engineer, Western Electric Co.; res., 402 Belden Ave., Chicago Ill — A Sep. 20, 1893 M June 20, 1894

WATERMAN, F. N., Mechanical and Electrical Engineer, 150 Nassau St., New York City. — A Feb. 21, 1893 M June 20, 1894

WEAVER, W. D., Editor, *Electrical World and Engineer*, 114 Liberty St., N. Y. City; res. Englewood, N. J. — A May 17, 1887 M May 17, 1887

WEBB, HERBERT LAWS, c\o Sir William Preece, 8 Queen Anne's Gate, London, S. W., Eng. — A Oct. 21, 1890 M Dec. 16, 1890

WEBB, HOWARD SCOTT, Professor of Electrical Engineering, University of Maine, Orono, Maine. — A Oct. 24, 1900 M June 19, 1903

WEBBER, CHARLES EDMOND, Major General, *C.B.* (ret.) *R.F.*, Past-President and Member of Council, Institution of Electrical Engineers, 17 Egerton Gardens, London, S. W., Eng. — A Jan. 9, 1901 M Jan. 24, 1902

WEEKS, EDWIN R., Consulting Engineer, Weeks, Kendall & Newkirk, 606 New Nelson Building, res., 3408 Harrison St., Kansas City, Mo. — A Sep. 6, 1887 M Nov. 1, 1887

WELLER, HARRY W., Electrical Engineer, Room 1, New York Life Building, Montreal, P. Q. — A Oct. 21, 1890 M Nov. 24, 1891

WESTON, EDWARD (*Past-President*), President, Weston Electrical Instrument Co., Waverley Park, N. J. — A Apr. 15, 1884 M Oct. 21, 1884

WETZLER, JOSEPH, President, The Electrical Engineer Institute of Correspondence Instruction, 240 W. 23d St.; res., 257 W. 104th St., New York City. — A Apr. 15, 1884 M Dec. 9, 1884

WHARTON, CHAS. J., Palace Chambers, Westminster, London, Eng. — A Jan. 3, 1888 M May 1, 1888

WHEELER, SCHUYLER, SKAATS *Sc. D.* (*Vice-President*), [Life Member.] President, Crocker-Wheeler Co., Ampere, N. J., — A June 2, 1885 M Sep. 1, 1885

WHITE, JAMES GILBERT, J. G. White & Co., Electrical Engineers and Contractors, 43 Exchange Place, New York City. — A Apr. 2, 1889 M May 15, 1900

WHITE, WILL F., Electrical Engineer and Vice-President, The North American Co., 30 Broad St., N. Y. City. — A Feb. 7, 1890 M July 27, 1898

WHITE-FRASER, GEO., *Mem. Can. Soc., C.E.*; Dominion Land Surveyor, Dawson, Y. T. — A Sep. 22, 1891 M Dec. 18, 1895

WIENER, ALFRED E., Chief Instructor, The Electrical Engineer Institute, 240 W. 23d St., New York. — A May 16, 1893 M May 15, 1894

WIGHTMAN, MERLE J., Electrical Engineer, 302 Broadway, New York City. — A Mar. 5, 1889 M May 19, 1903

WILCOX, NORMAN T., Manager, The Lowell Electric Light Corporation, Lowell, Mass. — A May 21, 1895 M Jan. 22, 1896

WILLIS, EDWARD J., President, Richmond Electric Co., 211 E. Franklin St., Richmond, Va. — A Nov. 30, 1897 M Feb. 28, 1900

WILLYOUNG, ELMER G., Willyoung & Gibson Co., 40 West 13th St., New York City. — A Nov. 24, 1891 M Dec. 20, 1893

WILSON, CHARLES H., General Supt., American Telephone & Tel. Co., 15 Dey St., New York City. — A Nov. 24, 1891 M Feb. 16, 1892

WILSON, FREMONT, Consulting Engineer, 31 Pine St., New York City. — A Mar. 6, 1888 M June 5, 1888

WILSON, HOWARD S., Superintendent, Puebla Electric Light Co., Puebla, Mexico. — A Aug. 23, 1899 M Feb. 28, 1902

WINCHESTER, A. E., City Electrical Engineer and General Supt., City of South Norwalk Electric Works; also Consulting Engineer for Municipalities; res., 4 Gerard Pl., South Norwalk, Conn. — A June 8, 1887 M Nov. 1, 1887

WINSLOW, GEORGE HERBERT, National Tube Co., Frick Building, Pittsburg, Pa. — A Apr. 17, 1895; M Feb. 26, 1896

WOLCOTT, TOWNSEND (*Manager*), Electrician, 39 Whitehall St., New York City. — A Mar. 6, 1888; M Dec. 16, 1890

WOLVERTON, B. C., Engineer, N. Y. & Pa. Telephone and Telegraph Co., Elmira, N. Y. — A Mar. 18, 1890; M Feb. 21, 1895

WOODWARD, WM. CARPENTER, Electrical Engineer, Narragansett Electric Lighting Co., Union Trust Co. Building, Providence, R. I. — A Nov. 18, 1896; M Apr. 25, 1902

WORDINGHAM, CHAS. H., Electrical Engineer-in-Chief to the British Navy, London, England. — A July 27, 1898; M Oct. 26, 1898

WOTTON, JAMES A., Manager Wotton Electric and Mfg. Co., 12 St. Charles Ave., Atlanta, Ga. — A Oct. 27, 1897; M Feb. 28, 1901

WRIGHT, PETER, President, Virginia Electric Company, Norfolk, Va. — A May 16, 1889; M Jan. 16, 1895

WURTS, ALEXANDER JAY, Manager Nernst Lamp Co., Pittsburg, Pa. — A Apr. 19, 1892; M Nov. 15, 1892

YOUNG, C. GRIFFITH, Engineer Construction, J. G. White & Co., 29 Broadway, New York. — A Jan. 3, 1889; M Apr. 21, 1891

YOUNG, WALTER DOUGLAS, Electrical Engineer, B. & O. R. R., Roland Park, Baltimore, Md. — A Apr. 26, 1899; M Jan. 24, 1900

(10)

Total, 457.

ASSOCIATES.

Name and Address.	Date of Election.
AALL, NICOLA, Assistant Switchboard Engineer, General Incandescent Arc Light Co., 572 First Ave., New York City.	April 23, 1903
ABBOTT, CHARLES L., Erecting Engineer, Westinghouse E. & M. Co., 716 Board of Trade Building, Boston, Mass.	June 19, 1903
ABBOTT, HENRY, President, Calculagraph Co., 9 Maiden Lane, New York City, res., 32 So. Clinton St., East Orange, N. J.	Apr. 28,1897
ABBOTT, WILLIAM L., Chief Operating Engineer, Chicago Edison Co., 139 Adams St.; res., 3213 Beacon St., Chicago, Ill.	Oct. 25, 1901.
ABELL, HARRY CLINTON, Engineer, Montgomery Light and Water Power Co., 101 Bibb St., Montgomery, Ala.	May 19, 1903
ABELLA, JUAN, Consulting Engineer, Buenos Aires and Belgrano Tramways Co.; res., 691 Calle Bolivar, Buenos Aires, A. R.	Aug. 5, 1896
ABENDROTH, WILLIAM PHILIP, Student, Columbia University; res., 539 West 152d St., New York City.	May 19, 1904
ABLETT, CHARLES ANTHONY, Student Testing Department, General Electric Co., Schenectady, N. Y.	Apr. 23, 1903
ABRY, BERTRAND RUHRE, Electrical Engineer, Westinghouse E. & M. Co.; res., 524 Rebecca St., Ste. D., Pittsburg, Pa.	Jan. 23, 1903
ACKERMANN, ALEXANDER HENRY, Electrical Engineer, New York Edison Co.; 117 West 39th, St., New York City.	May 19, 1903
ACKER, CHARLES ERNEST, Vice-President and Manager Acker Process Co., Niagara Falls, N. Y.	Jan. 23, 1903
ADAMS, COMFORT A., JR., Assistant Professor of Electrical Engineering, Harvard University, 13 Farrar St., Cambridge, Mass.	Jan. 17, 1894
ADAMS, ERNEST KEMPTON, *E. E. A. M.*, Electrical Engineer, 8 East 52d St.; res., 455 Madison Ave., New York City.	July 27, 1898
ADAMS, FRANK PIERCE, Electrician, Stockton Gas & Electric Co.; res. 329 E. Channel St., Stockton, Cal.	Feb. 15, 1899
ADAMS, GEORGE FRANCIS, District Engineer, Westinghouse E. & M. Co. Room 1007, New England Bldg., Cleveland, O.	Jan. 23, 1903
ADAMS, HERBERT HARTER, Tester, General Electric Co.; res., 703 Union St., Schenectady, N. Y.	Feb. 27, 1903
ADAMS, JULIUS LEROY, Chief Engineer, Hartford, Manchester & Rockville Tramway Co., Manchester, Conn.	Feb. 15, 1899
ADAMS, ROY HARMON, Assistant Electrical Engineer, Signal Corps, U. S. Army; res., 116 West 8th St., Bayonne, N. J.	Oct. 23, 1903
ADAMS, SETH C., Salesman and Engineer, Westinghouse Electric & Mfg. Co., New York City; res., New Rochelle, N. Y.	Apr. 23, 1903
ADAMS, WILLIS LONGFELLOW, General Manager Adams Construction Co.; res., 726 Buffalo Ave., Niagara Falls, N. Y	Jan 24, 1902
ADAMSON, DANIEL Joseph Adamson & Co., Hyde, Eng.	Feb. 26, 1896
ADDICKS, LAWRENCE, Assistant to Superintendent, Raritan Copper Works, Perth Amboy, N. J.	July 25, 1902
ADLER, ALPHONSE A., F. J. & A. A. Adler, Electrical Contractors, 123 Liberty St.; res., 237 Eldridge St., New York City.	July 12, 1900
AGNEW, CORNELIUS R., 16 William St.; res., 23 West 39th St., New York City.	Mar. 21, 1894

AGNEW, JOHN PATTERSON, Assistant Foreman Westinghouse E. & M. Co., Pittsburg; res., 755 Franklin ave., Wilkinsburg, Pa. Nov. 20, 1903

AHLM, CHARLES EDWARD FRANS. Consulting Engineer, 1327 Williamson Bldg., Cleveland, O. Feb. 27, 1903

AITKEN, KENNETH LYNDWODE, Canadian General Electric Co., 14 King St., E. Toronto, Ont. July 28, 1903

ALBIN, HENRY ALLISON, General Manager and Electrical Engineer, Concord Street Railway, Concord, N. H. Mar. 22, 1901

ALBURGER, EDWARD T., JR., Electrical Engineer, The American Bridge Co., Ambridge, Pa. July 28, 1901

ALDEN, HERBERT WATSON, Engineer, Electrical Vehicle Co., cor. Park and Laurel Sts., Hartford, Conn. Aug. 22, 1901

ALEXANDER, GEORGE L., Commercial Engineer, General Electric Co - Schenectady, N. Y. June 18, 1903

ALEXANDER, HARRY, General Manager and Vice-Prest., Alexander-Chamberlain Electric Co., 25 West 33d St., New York City. Apr. 21, 1891

ALKINS, ALBERT EDWIN, Foreman, Special Lamp Testing, General Electric Co.; res., 192 S. Common St., Lynn, Mass. Apr. 24, 1903

ALLEN, ALBERT R., Central Union Telephone Co., Indianapolis, Ind. July 26, 1900

ALLEN, EDWIN WOOD, In Consulting Engineering Department, General Electric Co.; res., 14 Union St., Schenectady, N. Y. Mar. 27, 1903

ALLEN, GEORGE CONRAD, Supt. of Construction, N. Y. Telephone Co., 32 Gold St. New York City; res., New Rochelle, N. Y. Jan. 23, 1903

ALLEN, THOMAS SIMMONS, Electrical Engineer, Bullock Electric Mfg Co; res., 5139 Main Ave., Norwood, Ohio Feb. 27, 1903

ALLEN, WALTER CUMMINGS, Electrical Engineer, District of Columbia, District Building, Washington, D. C. June 24, 1898

ALLEN, WYATT H., Consulting Engineer, Hunt, Meredith, Cory & Allen, 331 Pine St., San Francisco, Cal. Apr. 27, 1898

ALVERSON, HARRY BARTLETT, Superintendent, Cataract Power and Conduit Co., 40 Court St., Buffalo, N. Y. Oct. 25, 1901

AMBLER, NATHAN B., Sub-station Foreman, The Interurban Street Railway Co.; res., 134 E. 19th St., New York City. June 19, 1903

AMBLER, WILLIAM, Asst. Prof. of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio. July 12, 1900

AMSTUTZ, NOAH STEINER, Vice-President Amstutz Osborn Co., 716 Caxton Building; res., 27 Hillsdale Ave., Cleveland, O. Jan. 3, 1902

ANDERSON, COOPER, General Superintendent, Colorado Department, The Telluride Power Co., Telluride, Col. Nov.21,1902

ANDERSON, DOUGLAS SMITH, Associate Professor of Electrical Engineering, Tulane University, New Orleans, La. Apr. 26, 1901

ANDERSON, EDWARD H., Designing Engineer, General Electric Co.; res., 10 Gillespie St., Schenectady, N. Y. Apr. 25, 1902

ANDERSON, HENRY S., General Manager and Electrician, United Electric Light Co., Springfield, Mass. Jan. 16, 1895

ANDERSON, PAUL LEWIS, Tester, Sprague Electric Co., Bloomfield; res. 253 Renshaw Ave., E. Orange, N. J Oct. 23, 1903

ANDREWS, LEONARD, Electrical Engineer, 82 Victoria St., London, S. W. Eng. July 28, 1903

ANDREWS, WILLIAM C., Sales Department Engineer, Stanley Instrument Co., Great Barrington, Mass May 21, 1895

ANDRUS, LUCIUS BUCKLEY, Engineer, Westinghouse Electric & Mfg. Co.; res., 42 W. State St., Columbus, Ohio. May 19, 1903

ANGUS, WILLIAM GRAHAM, Electrical Engineer, The Hamilton Electric Light and Cataract Power Co., Hamilton, Ont. May 19, 1903

ANTHONY, JAMES STOWELL, General Electric Co., 44 Broad St., New York City. Apr. 25, 1902

APPERSON, ALFRED HULL, Assistant Electrician, South Eastern Tariff Association, 433 Equitable Building, Atlanta, Ga. Sept. 25, 1903

APPLER, GRAFTON WALL, Northern California Power Co., Redding, Cal Nov. 21, 1902

APPLEYARD, ARTHUR E., Treasurer and Managing Dir., Dayton, Springfield & Urbana Electric Ry. Co , Springfield, Ohio. Aug. 5, 1896

ARCHBOLD, WM. K., University Building, Syracuse, N. Y. June 20, 1894

ARCHER, GEO. F., Electrical Engineer, 150 Nassau Street, New York City. Nov. 21, 1894.

ARCHIBALD, ERNEST M., Electrical Engineer American Locomotive Co., Richmond Works, Richmond, Va. May 15, 1900

ARENDT, MORTON, Lecturer in Electrical Engineering, Columbia University; res., 1851 7th Ave., New York City. Jan. 23, 1903

ARMSTRONG, ALBERT H. (*Manager*), Electrical Engineer, General Electric Co., Schenectady, N. Y. June 24, 1898

ARMSTRONG, JAMES ROBERTS CHARLTON, in charge of installation of switchboard at Manhattan Power Station for General Electric Co.; res., 140 E. 34th St., New York City. Sep. 26, 1902

ARMSTRONG, SAMUEL GEORGE, Johannesburg, South Africa. Jan. 3, 1902

ARNOLD, CHESTER HASTINGS, Asst. Engineer N. Y. Telephone Co., 18 Cortlandt St.; res., 242 West 104th St., New York City. Jan. 3, 1902

ARNOLD, WARD S., Electrical Engineer, Stanley Electric Mfg. Co., 15 Monadnock Bldg; res., 384 E. 40th St., Chicago, Ill. Jan. 24, 1902

ASCHOFF, ADOLPHO, Partner James Mitchell & Co., Rio de Janeiro, Brazil. Feb. 27, 1903

ASH, WALTER VOORHIS, Chief Electrician, Raritan Copper Works; res., 79 State St., Perth Amboy, N. J. May 20, 1902

ASHE, SIDNEY WHITMORE, Instructor in Physics, Polytechnic Institute, Brooklyn; res., Webster Ave., Bedford Park, N. Y. June 28, 1901

ASHLEY, FRANK M., *M.E.*, Ashley & Stern, 130 Fulton St.; res., 124 W. 112th St., New York City. Nov. 21, 1894

ATKINS, CHARLES GILMAN, Consulting Engineer, Pratt & Atkins, 1001 Monadnock Building, Chicago, Ill. Oct. 25, 1901

ATKINS, HAROLD B., Assistant to H. de B. Parsons, Consulting Engineer, 22 William St., New York City. June 23, 1897

ATWOOD, GEORGE F., with Western Electric Co., New York City; res., 1030 Hudson St., Hoboken, N. J. Sep. 16, 1890

AUEL, CARL B., Engineer, British Westinghouse Elec. & Mfg. Co., Ltd., Trafford Park, Manchester, Eng. July 26, 1900

AUSTIN, SYDNEY B., Consulting Engineer, 659 Maryland Ave., Pittsburg, Pa. Sep. 25, 1895

AVERRETT, ANDREW E., Engineer, General Electric Co.; res., 934 State St., Schenectady, N. Y. Jan. 3, 1902

AYLMER-SMALL, SIDNEY, Electrical Engineer, 19 W. 44th St., New York City; res., 11 Randolph St., Passaic, N. J. Oct. 24, 1900

AYLSWORTH, J. WALTER, Experimenter and Chemist, Edison Laboratory res., 223 Midland Ave., East Orange, N. J. Sept. 27, 1901

AYRES, ALBERT DOANE, Keokuk Electric Railway Co., 421 Main St., Keokuk, Iowa. Feb. 28, 1902

AYRES, MILAN VALENTINE, Electrical Engineer, Boston and Worcester Street Railway Co., South Framingham, Mass. May 19, 1903

BABBITT, HARRY D., Electrical Engineer, Thompson-Starrett Co., 51 Wall St.; res., 7 W. 108th St., New York Ctiy. Mar. 27, 1903

BABCOCK, EDWIN WILSON, Superintendent of Electrical Construction, Brooklyn Edison Co., Brooklyn, N. Y. Sept. 25, 1903

BABSON, ALBERT D., Manager, Supply Department, General Electric Co., 44 Broad St., New York City. Mar. 27, 1903

BABSON, ARTHUR C., Engineer, Portland Office, General Electric Co., 541 Worcester Building, Portland, Ore. Mar. 28, 1900

BACON, DANIEL READ, Student, Columbia University, New York City; res., Goshen, N. Y. July 28, 1903

BACOT, EUGENE CYRUS, Electrical Engineer, Great Northern Power Co., 315 Providence Building, Duluth, Minn Apr. 23, 1903

BADEAU, CHARLES CUSHING, Cutler-Hammer Mfg. Co., 319 Frick Building, Pittsburg, Pa. Apr. 25, 1902

BADEAU, ISAAC F., General Electric Co.; res., 144 Lafayette St., Schenectady, N. Y. Feb. 26, 1896

BAEHR, GEORGE, Chief Electrician, Nat. Tube Co.; res., 516 Willow Ave., McKeesport, Pa. Jan. 23, 1903

BAEHR, WILLIAM ALFRED, Engineer, Laclede Gas Light Co., St. Louis, Mo. Feb. 27, 1903

BAHNSON, FREDERIC FRIES, Chief Engineer, Florida East Hotel Co., Nassau, N. P., Bahamas. Apr. 23, 1903

BAILEY, CLIFFORD DEXTER, Student, Polytechnic Institute; res., 861 Carroll St., Brooklyn, N. Y. Mar. 27, 1903

BAILEY, LEON W., Electrical Engineer, Reliance Electric Co.; res., 2815 Brown St., Milwaukee, Wis. Sep. 27, 1901

BAILEY, THEO. P., Assistant Manager, Chicago Office, General Electric Co., 1047 Monadnock Building, Chicago, Ill. Apr. 25, 1902

BAINTON, JOHN RICHARD, Consulting Engineer, Standard Electric Elevator Co., Equitable Bldg., Sydney, N. S. W. Oct. 24, 1902

BAKER, ARTHUR O., Superintendent, Wichita Gas, Electric Light and Power Co., Wichita, Kan. July 26, 1900

BAKER, JOSEPH B., Consulting Electrical Engineer, 161 Summer St., Boston, Mass. Sep 27, 1901

BAKER, WILLIAM EDGAR, W. E. Baker & Co., Engineers, 170 Broadway, New York City. June 28, 1901

BALDWIN, CHARLES FOWLER, Chief Engineer Bell Telephone Mfg. Co., 18 Rue Bondewyns, Antwerp, Belgium. Oct. 23, 1903

BALDWIN, GEORGE PORTER, John Martin & Co., 511 Douglass Building, Los Angeles, Cal. Nov. 23, 1900

BALDWIN, JAS. C. T., American Telephone and Telegraph Co., 125 Milk St.; res., Chestnut Hill Ave., Boston, Mass. Apr. 17, 1895

BALFOUR, REGINALD, Asst. Operating Supt., Lachine Rapids Hydraulic and Land Co., 160 McCord St., Montreal, P. Q. Mar. 27, 1903

BALL, HENRY PRICE, Electrical Engineer, General Electric Co., Schenectady, N Y. May 21, 1901

BALL, WM D. Consulting Engineer, 1105 Merchants Loan and Trust Bldg., 135 Adams St., Chicago, Ill. Nov. 20, 1895

BALLARD, FREDERICK WAYNE, Consulting Engineer, 100 Canal St.; res., 52 Wallingford Court, Cleveland, Ohio. Feb. 27, 1903

BALLOU, WARREN JAMES, Electrician, Woonsocket Elec. Machine & Power Co., Station No. 2, Woonsocket, R. I. Nov. 23, 1900

BALSLEY, ABE, Engineering Department, Georgia Railway & Electric Co., Atlanta, Ga. Oct. 27, 1897

BAMBER, WILLIAM CHILD, Electrical Engineer Rapid Transit Subway Construction Co., 13 Park Row, New York City. Oct. 25, 1901

BANCROFT, CHAS. F., Electrical Engineer, General Electric Company, 84 State St., Boston, Mass. Dec. 18, 1895

BANGS, CHAS. R., Special Agent, American Telephone and Telegraph Co. 15 Dey St., New York City. Jan. 26, 1898

BANKS, WILLIAM C., Consulting Electrical Engineer, Smith Building, 148th St. & 3d Ave., N. Y. City. May 18, 1897

BARCLAY, JOHN C., Asst. General Manager, Western Union Telegraph Co., 195 Broadway; res., Hotel Empire, New York City. Apr. 23, 1903

BARKER, ARTHUR E., Secretary Dean Electric Co., Elyria, Ohio. Mar. 27, 1903

BARKER, JAMES EDMUND, Electrical Engineer, Pacific Electric Railway Co., Los Angeles; res., Pasadena, Cal. Apr. 23, 1903

BARKER, RALPH EMERSON, Assistant Electrical Engineer, General Electric Co.; res., 24 Chase St., Lynn, Mass May 19, 1903

BARNAY, JOHN MARTIN, Designer, McCormick Division International Harvester Co., Chicago, Ill. Apr. 23, 1903

BARNES, EDWARD A., Electrical Expert, Fort Wayne Electric Co., Fort Wayne, Ind. Sep. 20, 1893

BARNES, HOWELL HENRY, Engineer, Stanley Electric Mfg. Co.; res., Beech Grove Inn, Pittsfield, Mass. Feb. 28, 1900

BARNES, WALTER CLYMER, Supt. of Electrical Construction, Interborough Rapid Transit Co., New York City. Nov. 20, 1903

BARNES, WILLARD J., Electrician, The Duncan Co., Mechanicsville, N. Y. June 19, 1903

BARNETT, CARL P., Draftsman and Engineer, with S. & S. Packing Co., Osage and Adams Sts., Kansas City, Kansas. Jan. 25, 1901

BARNUM, THOMAS EDSON, Assistant Chief Engineer, Cutler-Hammer Mfg., 648 34th St., Milwaukee, Wis. Nov. 20, 1903

BARON, MAX D., Electrical Engineer and Contractor, 125 East 23d St.; res., 61 E. 75th St., New York City. Mar. 28, 1900

BARR, FRANK ADELBUT, Manager and Electrician, Fries Mfg. and Power Co., Winston-Salem, N. C. Jan. 9, 1901

BARR, FREDERIC CROSSGROVE, Electrician, The Colorado Telephone Co., 1447 Lawrence St., Denver, Colo. Mar. 27, 1903

BARR, JOHN B., Electrical Engineer, General Electric Co., 44 Broad St., New York City. Apr. 25, 1900

BARRY, CHARLES EDWARD, Electrical Engineer, General Electric Co., Schenectady, N. Y. Sept. 25, 1903

BARRY, DAVID, Electrician and Superintendent, Amherst Gas Co., Amherst, Mass. Aug. 5, 1896

BARRY, JOHN G., General Electric Co., Schenectady, N. Y. Apr. 23, 1903

BARTON, EDWARD GUSTAVUS CAMPBELL, Managing Director, Brisbane Electric Supply Co., Ltd., Brisbane, Queensland. Oct. 23, 1903

BARTON, ENOS M., President Western Electric Co., 259 So. Clinton St., Chicago, Ill. July 12, 1887

BATES, FREDERICK C., Electrical Engineer, General Electric Co., 44 Broad St., New York City. Jan. 20, 1891

BATES, PUTNAM A., Assistant Secretary, Crocker-Wheeler Co., Ampere, N. J.; res., 113 W. 72d St., New York City. Jan. 20, 1897

BATTEY, PAUL LEON, Electrical Engineer, Arnold Electric Power Station Co., 1539 Marquette Building, Chicago, Ill. Dec. 19, 1902

BAUGHER, E. C., Resident Engineer, Westinghouse Elec. & Mfg. Co., c/o Tokata & Co., Tokio, Japan. Nov. 22, 1899

BAUM, FRANK GEORGE, Asst. Electrical Engineer, California Gas & Electric Corpo., 624 Rialto Bldg., San Francisco, Cal. Nov. 22, 1899

BAUSCH, FREDERICK EMIL, Manager, Hooven, Owens Rentschler Co., 1416 Chemical Building, St. Louis, Mo. June 28, 1901

BAYLEY, GUY LYNFIELD, Manager Engineering Department, The American Trading Co., Yokohama, Japan. Feb. 28, 1901

BAYLIS, JAMES ADAMS, Electrical Engineer, The Bell Telephone Co., Montreal, P. Q. Sep. 26, 1902

BAYNE, HOWARD, Assistant to Dr. M. I. Pupin, Columbia University, New York City. Sep. 27, 1901

BEACH, RALPH HAMILTON, General Electric Co., 44 Broad St., New York City. Apr. 23, 1903

BEAL, THADDEUS R., General Manager, Poughkeepsie Light, Heat and Power Co., Poughkeepsie, N. Y. Mar. 27, 1903

BEAM, ELMER E., Electrical Engineer, 62 Public Square, Cleveland, Ohio. Oct. 23, 1903

BEAM, VICTOR SHAEFFER, Electrical Engineer, 92 N. 15th St., East Orange, N. J. Oct. 24, 1902

BEAN, HORACE DOW, Whitney Elect. Inst. Co.; res., 41 High St., Penacook, N. H. Jan. 23, 1903

BEAN, HARRY JOEL, Electrical Engineer, Department of Electricity of San Francisco; res., Alameda Ave., San Jose, Cal. July 28, 1903

BEATTY, SAMUEL ROBERT, Assistant Chief Operator, Western Union Telegraph Co.; res., 657 Pearl St., Denver, Colo. Mar. 27, 1903

BEATTYS, WILLIAM HENRY, JR., Chicago Representative, The Cutler-Hammer Mfg. Co., 1232 Monadnock Block, Chicago. May 19, 1903

BEAUCHAMP, LEON, Manager and Electrical Engineer, Standard Construction Co., Montreal, Que. Oct. 23, 1903

BEAUMONT, CHAS. W., [Address unknown] Jan. 9, 1901

BECKSTRAND, ELIAS HYRUM, Instructor, Engineering Department University of Utah, Salt Lake City, Utah. Apr. 23, 1903

BEDELL, CHARLES HAMPTON, Head of Laboratory, Electro-Dynamic Co., 224 Ionic St., Philadelphia; res., Swarthmore, Pa. May 19, 1903

BEDELL, RAYNER MONROE, 20 North Mountain Ave., Montclair, N. J. Feb. 27, 1903

BEE, WILLIAM G., Supt. Auto Battery Dept., Edison Storage Battery Co.; res., 875 Bloc nfield Ave., Glen Ridge, N. J. Apr. 23, 1903

BEEBE, MURRAY C., Chemist, Nernst Lamp Co.; res., Amber Club, Pittsburg, Pa. Jan. 26, 1898

BELDON, DAVID W., Electrical Engineer and General Superintendent, The Phœnix Light & Fuel Co., Phœnix, Arizona. Sept. 26, 1902

BELL, ALONZO C., Owner and Manager, Bell Electric Motor Co., 197 Wooster St.; res., 83 E. 116th St., New York City. Sep. 27, 1901

BELL, ORA A., Electrical Engineer, Western Electric Co., 463 West St., New York; res., 352 W. 117th St., New York City. Aug 5, 1896

BELLMAN JOHN JACOB, President, Bellman & Sanford, 14 Church St., New York City. Dec. 28, 1898

BELNAP, LA MONTE J., District Engineer, Bullock Electric Mfg. Co., 402 Merchants Bank Building, Montreal, P. Q. Apr. 23, 1903

BENECKE, ADELBERT O., Weston Electrical Instrument Co., Waverley Park, N. J.; res., Vailsburgh, N. J. Sep. 26, 1902

BEUGLER, HUGH M., Supt. Motive Power, Elmira Water, Light & R. R. Co.; res., 620 Madison Ave., Elmira, N. Y. Jan. 23, 1903

BENJAMIN, EDGAR BRYANT, Assistant Engineer, Ideal Electric Contracting Co.; res., 409 E. 64th St., New York City. Apr. 23, 1903

BENNETT, EDWARD, Electrical Engineer, Nernst Lamp Co.; res., Amber Club, 260 Shady Ave., Pittsburg, Pa. Sep. 27, 1901

BENNETT, EDWIN H., JR., Electrician and Engineer, Diehl & Co., Elizabethport, N. J., res., 19 W. 33d St., Bayonne, N. J. June 20, 1894

BENNETT, JOHN C., Electrician, General Electric Co., 44 Broad St., New York City. Mar. 18, 1890

BENNETT, RALPH, Chief Draughtsman, Edison Electric Co., Los Angeles, Cal. Oct. 23, 1903

BENNETT, WILLARD S., Engineering Department, The S. S. White Dental Mfg. Co., 5 Union Square, West, New York City. Oct. 25, 1901

BENOLIEL, SOL. D., *B.S., E.E., A.M.*, General Manager, Roberts Chemical Co., Niagara Falls, N. Y. Oct. 21, 1896

BENTLEY, EDWARD M., Patent Attorney and Expert, 5 Beekman St., New York City. May 21, 1901

BENTLEY, MERTON H., Electrical Engineer, International Teleph. Mfg. Co., Chicago; res., 221 N. Scoville Ave., Oak Park, Ill. Oct. 18, 1893

BENTLEY, WILTON, Superintendent Teleph. Switchboard Installation Western Electric Co., 259 So. Clinton St., Chicago, Ill. July 28, 1903

BERAN, THEODORE, Manager, New York Supply Department, General Electric Co., 44 Broad St., New York City. July 25, 1902

BERG, ESKIL, Electrical Engineer, General Electric Co., Schenectady, N. Y. Nov. 20, 1895

BERG, GEORGE HEWES, District Manager, Bullock Electric Mfg. Co., 262 Washington St., Boston; res., Medford, Mass. Apr. 23, 1903

BERG, MAX A., Secretary, Porter & Berg, 309 Dearborn St., Chicago, Ill. May 19, 1903

BERGEN, FRANCIS PATRICK, Inspector, Western District, Commonwealth Electric Co., 1094 W. Madison St., Chicago, Ill. June 19, 1903

BERGEN, OTTO, Engineer, Daly Reduction Co., Hedley, B. C. Apr. 23, 1903

BERGENTHAL, VICTOR W., Western Sales Engineer, The Stanley Electric Mfg. Co., 15 Monadnock Block, Chicago, Ill. Jan. 9, 1901

BERNAYS, CHARLES EDWIN, Overland Representative, Noyes Bros., 45 Adelaide St., Brisbane, Queensland. Dec. 18, 1903

BERRESFORD, ARTHUR W., *B.S., M.E.*, Supt., The Cutler-Hammer Mfg. Co., 12th St. and St. Paul Ave. Milwaukee, Wis. May 15, 1894

BERRY, A. HALL, General Manager, F. H. Lovell & Co., 100 William St., New York City; res., Montclair, N. J. May 20, 1902

BERRY, EDGAR HENRY, Electrical Engineer, C. W. Hunt Co.; res., 2d St., near York Ave., New Brighton, N. Y. Apr. 23, 1903

BESSEY, CARL ATHEARN, Draughtsman, General Electric Co.; res., 1219 State St., Schenectady, N. Y. May 19, 1903

BESSEY, EDWARD ATHEARN, Engineer, Stanley Electric and Mfg. Co., Pittsfield, Mass. July 28, 1903

BETHELL, FRANK HOPKINS, Contract Agent New York Telephone Co., 15 Dey St.; res., 839 West End Ave., New York City. Mar. 27, 1903

BETHELL, U. N., General Manager, The New York Telephone Co., 15 Dey St., New York City. Jan. 17, 1894

BETTS, HOBART D., *E.E.*, Room 517, 141 Broadway, New York City; res., Englewood, N. J. Aug. 5, 1896

BEVENUE-MILLER, EDWIN DAVID, Electrical and Mechanical Assistant, Kilburn & Co., 4 Fairlie Pl., Calcutta, E. India. Mar. 28, 1902

BEVERIDGE, EDMUND WALTER, Assistant Engineer, P. W. D. Ghar Canals, Larkhana, Sind. India. Jan. 24, 1900

BIBBINS, JAMES ROWLAND, Technical Editor, Westinghouse Co's Pub. Dept., Pittsburg, Pa. Dec. 19, 1902

BICKNELL, DANA EDWIN, Assistant in Inspection Dept., Western Electric Co., 57 Betnune St.; res., Lyndhurst, N. J. June 28, 1901

BIDDLE, JAMES G., Electrical and Scientific Instruments, Stephen Girard Bldg., Philadelphia; res., Wallingford, Pa. Aug. 5, 1896

BIEBEL, HERMAN MATTHEWS, Designing Electrical Engineer, Western Electric Co., Chicago, Ill. Apr. 23, 1903

BIJUR, JOSEPH, *A. B.*, President & Manager General Storage Co., 29 [Life Member.] Sullivan St., New York City. May 15, 1894

BINDEMANN, HARRY OTTO FERDINAND, Electrical Engineer Union Electricitats Gessellchaft, 43 Dorotheen Str., Berlin, Ger. Jan. 24, 1902

BINGAY, ROBERT V., Pittsburg Transformer Co., Pittsburg, Pa. Dec. 18, 1903

BIRCH, ARTHUR KNODE, Sales Department. Bullock Electric Mfg. Co. Cincinnati, Ohio. Feb. 27, 1903

BIRD, WILLIAM LISTER, The Lachine Rapids Hydraulic and Land Co., Ltd., 160 McCord St., Montreal, P. Q. Mar. 27, 1903

BISHOP, FREDERICK LENDALL, Head of Department of Physics, Bradley Institute, Peoria, Ill. Mar. 27, 1903

BISSELL, FREDERICK, President, The F. Bissell Co., 226 Huron St., Toledo, Ohio. Feb. 27, 1903

BISSELL, GEORGE WELTON, Professor of Mechanical Engineering, The Iowa State College, Ames, Iowa. Apr. 23, 1903

BISSING, WILLIAM F., Electrical Engineer and Patent Attorney, Kenyon & Kenyon, 49 Wall St., New York City Jan. 23, 1903

BLACK, CHAS. N., Ford, Bacon & Davis, 149 Broadway; res., 43 E. 57th St., New York City. Apr. 19, 1890

BLACK, HOWARD D., With Blackall & Baldwin, 39 Cortlandt St.; res., 340 Manhattan Ave., New York, N. Y. Sep. 15, 1897

BLACK, ROBERT GIVEN, Electrical Engineer, Toronto Electric Light Co., Toronto, Ont. May 21, 1901

BLACK, ROY HARRY, Student, Cornell University, Ithaca, N. Y.; res., 441 East Santa Clara St., San Jose, Cal. July 28, 1903

BLACK, SAMUEL DUNCAN, Electrical Engineer, The Rowland Telegraphic Co., Baltimore; res., White Hall, Md. Mar. 27, 1903

BLACKALL, FREDERICK S., 39 Cortlandt St.; res., 51 Manhattan Ave., New York. Sep. 15, 1897

BLACKWELL, HENRY FIELD, Electrical Engineer, Dept. of Water Supply, etc.; res., 18 Morningside Ave., New York City. Sept. 25, 1903

BLACKWELL, HOWARD LANE, Assistant in Physics, Harvard University, 34 Thayer Hall, Cambridge, Mass. Jan. 24, 1902

BLAKE, EDWIN TYLER, 2235 Piedmont Way, Berkeley, Cal. May 19, 1903

BLAKE, HENRY M., Superintendent, The Jenkintown Light Co., Wyncote, Pa. July 28, 1903

BLAKE, HENRY W., Editor, *Street Railway Journal*, 114 Liberty St., New York City. Nov. 13, 1888

BLAKE, S. HENRY, Engineer of Arc Lighting, General Incandescent Arc Light Co., Pittsfield, Mass. April 23, 1903

BLAKE, THEODORE W., Electrical Engineer, Goodyear Insulating Co., 1955 Park Ave.; res., Engineers Club, New York. Sept. 20, 1893

BLAKEMORE, MAURICE NEVILLE, Electrical Engineer, with Westinghouse E. & M. Co., Pittsburg; res., Wilkinsburg, Pa. Jan. 25, 1901

BLAKESLEE, HENRY JONES, Electrical Inspector, Hartford Board of Fire Underwriters; res., 791 Park St., Hartford, Conn. Aug. 22, 1902

BLANCHARD, CHARLES M., Union League, Philadelphia, Pa. Sep. 19, 1894

BLANCK, WILLIAM A., Electrical Engineer, Arnold Electric Power Station Co., 1539 Marquette Building, Chicago, Ill. Apr. 23, 1903

BLEO, WILLIAM ERICSON, Inspector Elec. Dept. Dist. of Columbia; res., 464 Louisiana Ave., Washington, D. C. Jan. 23, 1903

BLISS, DONALD MCQUEEN, Electrical Engineer and Superintendent, The Holtzer-Cabot Electric Co., Brookline, Mass. June 19, 1903

BLISS, LOUIS DENTON, Principal Bliss Electrical School, 614 12th Street Washington, D. C. July 12, 1900

BLISS, WILLIAM L., *B.S., M.M.E.*, President, Bliss Electric Car Lighting Co., 138 Front St., New York City. Mar. 21, 1894

BLIZARD, CHARLES, Manager Sales Department Electric Storage Battery Co., 19th St. and Allegheny Ave., Philadelphia. Nov. 21, 1894

BLOOD, GROSVENOR TARBELL, Electrical Engineer, The American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. Mar. 27, 1903

BLOSSOM, FRANCIS, Sanderson & Porter, 52 William St., New York City. July 25, 1902

BLUNT, WILLIAM W., Assistant Manager, British Westinghouse Electric and Mfg. Co., Ltd., Westinghouse Bldg., London. Dec. 16, 1896

BOERI, ALBERT P., Chief Inspector, Engineering Dept., The N. Y. & N. J. Telephone Co., 81 Willoughby St., Brooklyn, N. Y. Dec. 18, 1903

BOGEN, LOUIS E. (*Local Secretary*), Engineering Department, Bullock Electric Mfg. Co., Avondale, Cincinnati, O. May 16, 1899

BOGUE, CHARLES J., Mfr. of Search Lights and High Candle Power Focussing Arc Lamps, 213 Centre St., New York City. Dec. 3, 1889

BOLAN, THOMAS V., Local Engineer, General Electric Co., 226 S. 11th St.; res., 511 N. 40th St., Philadelphia, Pa. Aug. 5, 1899

BOLLES, FRANK G., Business Mgr., *Cassier's Magazine*, 3 West 29th St., New York City. May 21, 1901

BONINE, CHARLES EDWARD, Chief Draughtsman and Asst. Supt. Electro-Dynamic Co.; res., 909 N. 43d St., Philadelphia, Pa. June 19, 1903

BONNER, ROBERT BRIDGE, Wire Chief, The Colorado Telephone Co., 1447 Lawrence St., Denver, Colo. Mar. 27, 1903

BOOTH, WILLIAM THOMAS, Draughtsman, The Lambert Schmidt Telephone Mfg. Co., 35 Maple St., Weehawken, N. J. June 19, 1903

BORTENLANGER, JOSEPH A., 1614 Farnam St., Omaha, Neb. June 19, 1903

BOUCHÉ, WILL FOREST, Order Clerk, Production Department, Bullock Electric Mfg. Co., Norwood, Ohio. Mar. 27, 1903

BOWDEN, ZOLLY MASBY, Mulberry, Fla. Sept. 25, 1803

BOWIE, AUGUSTUS JESSE, JR., Engineer, Electrical Dept. Union Iron Wks; res., 915 Hyde St., San Francisco, Cal. May 15, 1900

BOWMAN, JOSEPH H., Chief Engineer, Pan-American R. R., Tonala, Chiapas, Mexico. May 16, 1899

BOYD, JOHN DUNCAN, Electrician, Palo Alto, Cal. Feb. 28, 1900

BOYER, FRANK N., Manager Supply Department, General Electric Co.; res., 3805 Wabash Ave., Chicago, Ill. June 19, 1903

BRACKETT, BYRON B., Professor of Electrical Engineering, Clarkson School of Technology; Potsdam, N. Y. Nov. 30, 1897

BRACKETT, PROF. CYRUS F., Princeton, N. J. Apr. 15, 1889

BRADDELL, ALFRED E., Electrical Inspector, Underwriters Assn., Middle Department, 316 Walnut St., Philadelphia, Pa. Sep. 1, 1890

BRADFIELD, WILLIAM WALTER, Chief Electrical Engineer, Marconi Wireless Telegraph Co., of America, 27 William St., New York City. Mar. 27, 1903

BRADLEY, ALONZO B., Student Columbia University; res., 111 West 86th St., New York City. Aug. 22, 1902

BRADY, NICHOLAS F., Treasurer, The N. Y. Edison Co., 57 Duane St., New York City. May 21, 1901

BRADY, PAUL T., Manager Central, N. Y. Agency, Westinghouse Electric and Mfg. Co., Syracuse, N. Y. July 12, 1887

BRAGA, EDUARDO, JR., Juiz de Fora Minas, Brazil, South America. Feb. 27, 1903

BRAGG, CHARLES A., Manager, Philadelphia Agency, Westinghouse Electric and Mfg. Co., 708 Land Title Blg. Philadelphia, Pa. Sep. 20, 1893

BRANDAO, JULIO VIVEIROS, *C.E.*, Rua Barao do Flamengo 8, Rio de Janeiro, Brazil, S. A. Jan. 25, 1901

BRANDEIS, CHARLES, Consulting Electrical and Mechanical Engineer, 112 St. James St., Montreal, P. Q. Mar. 27, 1903

BRATNEY, JOHN FREDERICK, Assistant Engineer, Bell Telephone Co., of Mo., Telephone Building, St. Louis, Mo. Dec. 18, 1903

BRAUN, CHRISTIAN EDWARD, Draughtsman, Western Electric Co., New York City; res., 318 Classon Ave., Brooklyn, N. Y. Sep. 27, 1901

BRAY, CHARLES AYERS, Electrical Engineer, General Electric Co., Schenectady, N. Y. May 19, 1903

BRAYSHAW, J., Telegraph Superintendent Great Southern Railway, City of Buenos Aires, A. R. Aug. 5, 1896

BRECK, CHESNEY YALES, Superintendent, Telluride Electric Light Co., Telluride, Colo. July 28, 1903

BREESE, CHARLES PARKER, 180 Broadway, New York City. Mar. 27, 1903

BRETT, JAMES A., Director and General Manager, Electrical Installation Co., 1517 Monadnock Building, Chicago, Ill. Apr. 23, 1903

BREWSTER, WALTER SCOTT, Electrician, Standard Underground Cable Co.; res., 65 Kearney Ave., Perth Amboy, N. J. Apr. 26, 1901

BRIDGMAN, GREENVILLE TEMPLE, General Electric Co., Schenectady, N. Y. Dec. 18, 1903

BRIESEN, HAROLD V., Engineering Department, American Telephone and Telegraph Co., 22 Thames St., New York City. June 28, 1901

BRIGHT, GRAHAM, Designer Nernst Lamp Co.; res., 127 Roup St., Pittsburg, Pa. May 19, 1902

BRIGHTMAN, CARL GORDON, Electrical Engineer, Old Colony Street Railway Co., 147 Milk St.; res., Dorchester, Mass. Apr. 23, 1903

BRISLEY, EDWARD BETTS, Interborough Rapid Transit Co , Power House 59th St. and N. R.; res., 102 W. 75th St., New York. Apr. 25, 1902

BRIXEY, W. R., Proprietor and Manufacturer, Day's Kerite Wire and Cables, 203 Broadway, New York City. Sep. 20, 1893

BROADHURST, WM, CHANNING, Student Brooklyn Polytechnic Institute; res., 320 Green Ave., Brooklyn, N. Y. Aug. 22, 1902

BROICH, JOSEPH, Superintendent and Electrician, with F. Pearce, 18 Rose St., New York; res., 1622 8th Ave., Brooklyn, N. Y. Jan. 17, 1894

BROOKE, IRVING EMERSON, Draftsman, Chicago Edison Co., 139 Adams St.; res., 551 Jackson Boulevard, Chicago, Ill. Sept. 25, 1903

BROOKE, JAMES DILLON, Electrical Engineer, Nernst Lamp Co., Pittsburg, Pa. Oct. 23, 1903

BROOKE, ROBERT THOMAS, JR., Special Student in Electrical Testing Department, General Electric Co., Lynn, Mass. Apr. 23, 1903

BROOKS, FRANK HARRISON, General Manager, Vicksburg R. R. Power and Mfg. Co., Vicksburg, Miss. Feb. 27, 1903

BROOKS, LOUIS C., Electrical Aid to Superintending Naval Constructor at Cramps' Shipyard, Philadelphia, Pa. Aug. 22, 1902

BROOKS, ORION, Manager Electric Engineering Dept., Heald's School of Mines and Engineering, San Francisco, Cal. Feb. 27, 1903

BROPHY, WILLIAM, Consulting Electrical Engineer, 17 Egleston St., Jamaica Plain, Mass. Mar. 5, 1889

BROUGHTON, JAMES RUSSELL, Station Foreman, The Power Co., Provo, Utah. Apr. 23, 1903

BROWD, PAUL K., Manufacturer's Agent, W. O., 10th line 21, St. Petersburg, Russia. Feb. 15, 1899

BROWN, ARTHUR JAMES, Draughtsman, Bullock Electric Mfg. Co.; res., 4913 Wesley St., Norwood, Ohio. Mar. 27, 1903

BROWN, ARTHUR NOBLE, The Sawyer-Man Electric Co., 510 W. 23d St.; res., 331 W. 23d St., New York City. Mar. 27, 1903

BROWN, CARDELLA DRAKE, Electrical Engineer, General Electrical Co., Windsor, Conn. Jan. 23, 1903

BROWN, CARLTON EMERSON, Assistant Works Engineer, The Canadian General Electric Co., Peterboro, Ont. Mar. 27, 1903

BROWN, CHARLES L., General Electrical Contractor, 312 Fisher Building, Chicago, Ill. Nov. 20, 1895

BROWN, DICKSON QUEEN, Director, Tidewater Oil Co., 12 Broadway; res., 160 W. 59th St., New York City. May 19, 1903

BROWN, ELLIS EUGENE, Electrical Engineer, Philadelphia and Reading Railway Co., 925 North 5th St., Reading, Pa. May 16, 1899

BROWN, FRANK ZENAS, Consulting Electrical Engineer, Chamber of Commerce, Richmond, Va. Sept. 25, 1903

BROWN, GARRY ESTEP, Construction Department, Niagara Falls Power Co., Niagara Falls, N. Y. Sept. 25, 1903

BROWN, HARRY CURTIS, Draughtsman, Westinghouse Electric & Mfg. Co., Pittsburg; res., 710 Pitt St., Wilkinsburg, Pa. Mar. 27, 1903

BROWN, HUGH AUCHINCLOSS, Electrical Engineer, Crocker-Wheeler Co., Old Colony Building, Chicago, Ill. Mar. 28, 1902

BROWN, HUGH THOMAS, Chief Engineer, Railways and Light Co., of America, Richmond, Va.; res., Columbia, Tenn. Jan. 26, 1902

BROWN, JOHN ELLIOTT, Electrical Engineer, Consumers' Electric Co.; res., 53 Waverly St., Ottawa, Can. Mar. 27, 1903

BROWN, ROBERT CALTHROP, Consulting Engineer, Toronto Ry. Co.; res., St. George Apartments, Toronto, Ont. June 19, 1903

BROWN, ROBERT G., Electrician, 158 Montague St., Brooklyn, Oct. 25, 1901

BROWN, SYDNEY WILLIAM, B. C. Elec. Ry. Co., Trout Lake near Vancouver, B. C., Canada. May 19, 1903

BROWN, THEODORE J., Traveling Salesman, General Electric Co., 84 State St., Boston, Mass.; res., Portland, Maine. Apr. 23, 1903

BROWN, WALTER EVERETTE, Engineer N. Y. & N. J. Telephone Co.; res., 1178 Degraw St., Brooklyn, N. Y. May 20, 1902

BROWN, WARREN DAY, 79 Park Ave., New York City. Jan. 25, 1901

BROWNE, MORTON S., Consulting Engineer, Brown-Ryan Electric Co., 27 Deshler Blk., Columbus, Ohio. Feb. 27, 1903

BROWNE, WILLIAM HAND, JR., Technical Editor, *Electrical Review*, 1003 Park Row Building, New York City. Apr. 25, 1900

BROWNE, WILLIAM HENRY, Treasurer, General Manager and Director, Stanley Instrument Co., Great Barrington, Mass. May 20, 1902

BRUSH, FREDERICK FARNSWORTH, Engineer, Societie Francaise Sprague •6 Rue de Madrid, Paris, France. Feb. 28, 1901

BRYANT, WALDO CALVIN, Manager, The Bryant Electrical Co., Bridgeport, Conn. May 19, 1903

BUCK, MARION ESTES, Superintendent, Generating Plant, The Power Co., Norris, Mont. Jan. 23, 1903

BUCKE, WILLIAM AUGUSTUS, Agent Canadian General Electric Co., 14 King St., East Toronto, Ont. Dec. 19, 1902

BUCKINGHAM, CHARLES L., Attorney and Counsellor-at-Law, Potter Building, 38 Park Row, New York City. Apr. 15, 1884

BUDDY, HARRY JOHN, General Selling Agent, General Electric Co., 226 So. 11th St.; res., 1523 Arch St., Philadelphia, Pa. June 19, 1903

BULL, ROBERT WILSON, Electrical Engineer, The New Jersey Zinc Co., (of Penn.), Palmerton, Pa. Mar. 22, 1901

BULLARD, ALBERT MORRISON, Engineering Dept., Western Electric Co., 463 West St., New York City. Mar. 27, 1903

BULLEN, DANA RIPLEY, General Electric Co., 84 State St., Boston; res., Winthrop, Mass. Mar. 28, 1902

BULLOCK, GEORGE, President, Bullock Electric Mfg. Co.; res., 2915 Vernon Pl., Cincinnati, Ohio. Feb. 27, 1903

BUMP, MILAN RAY, Assistant Engineer and Draughtsman, 620 Langdon St., Madison, Wis. Mar. 27, 1903

BUNCE, THEODORE, D. President, The Storage Battery Supply Co., 239 E. 27th St., New York City. May 20, 1890

BUNKER, ARTHUR CLIFFORD, Engineering Department, Stanley Electric Mfg. Co., 238 Crocker Building, San Francisco, Cal. Oct. 25, 1901

BURDICK, IRVING EDWARD, Treasurer and Engineer; res., 146 W. 104th St., New York City. Oct. 24, 1900

BURGESS, EDWIN M., General Superintendent, Colorado Telephone Co.; res., 150 W 1st Ave., Denver, Colo. June 19, 1903

BURKETT, CHAS. WATSON, Engineer, Wisconsin Telegraph Co., Milwaukee Wis. Aug. 23, 1899

BURKHOLDER, CHARLES IRVINE, Electrical Engineer, General Electric Co.; res., 108 Park Place, Schenectady, N. Y. Apr. 23, 1903.

BURNETT, DOUGLASS, *B. S.*, United Electric Light & Power Co., Baltimore, Md. Feb. 21, 1893

BURNETT, JAMES AUBREY, Engineering Dept., Montreal Light, Heat and Power Co., N. Y. Life Building, Montreal, P.Q. Apr. 26, 1902

BURNHAM, GEORGE A., Electrical Engineer, American Thread Co., Willimantic, Conn. Dec. 18, 1903

BURNS, OWEN C., Electrical Operator, Manhattan Railway Co., New York City; res., 422 Atlantic Ave., Brooklyn, N. Y. Mar. 27, 1903

BURNS, WILLIAM GIBSON, Electrical Engineer, with Jabez Burns & Sons, 542 Greenwich St., New York City. May 19, 1903

BURRITT, ALEXANDER HAMILTON, Assistant Chief Draftsman, General Electric Co.; res., 27 Stephen St., Lynn, Mass. April 23, 1903

BURROUGHS, HARRIS S., Consulting Electrical and Mechanical Engineer, 19 William St., New York City. Nov. 30, 1897

BURROWS, WILLIAM RUSSELL, Experimenter General Electric Co., Harrison; res., 86 Fourth Ave., Newark, N. J. Mar. 27, 1903

BURSCH, WILLIAM OSCAR, Assistant Foreman, Testing Department, General Electric Co.; res., 5 City Hall Sq., Lynn, Mass. Apr. 23, 1903

BURTON, CHARLES GILLETTE, Christensen Engineering Co., 1020 Old Colony Building, Chicago, Ill. Feb. 28, 1902

BURTON, FRANK VAIL, Bryant Electric Co., 142 State St.; res , 157 Coleman St., Bridgeport, Conn. Mar. 28, 1902

BURTON, PAUL G., Switchboard Dept., Western Electric Co.; res., 475 Central Park, West, New York City. Nov. 20, 1895

BUSH, ARTHUR RICHMOND, Engineer, General Electric Co., 84 State St., Boston; res., 51 Lexington Ave., Cambridge, Mass. Apr. 23, 1903

BUSHNELL, S. MORGAN, Engineer, Chicago Edison Co., 139 Adams St.; res., Hyde Park Hotel, Chicago, Ill. Feb. 27, 1903

BUSHNELL, WINTHROP GRANT, Salesman General Electric Co., New Haven, Conn. Mar. 27, 1903

BUTLER, HENRY WEIL, Engineer, Manhattan Railway Co.; res., 56 E. 50th St., New York City. Jan. 23, 1903

BUTLER, JOHN STARR, Sales Agent, General Electric Co., 84 State St., Boston; res., New Dorchester, Mass. Apr. 23, 1903

BUTLER, WILLIAM C., President, The Puget Sound Reduction Co., Everett, Washington. Mar. 21, 1893

BUTTERWORTH, IRVIN, President and General Manager, Denver Gas and Electric Co.; res., 405 17th St., Denver, Colo. Mar. 27,1903

BUTTERWORTH, ISAAC NELSON, General Manager, Tri-City Electric Co.; res., 405 Brady St., Davenport, Iowa. May 19, 1903

BUYS, ALBERT, Electrical Engineer, Ovid Electric Co., Ovid, N. Y. Feb. 7, 1890

BYRNES, EUGENE A., *Ph.D.*, Byrnes & Townsend Patent Lawyers, 1918 F. St., N. W., Washington, D. C. May 21, 1901

BYRNS, ROBERT A., Electrical Engineer, 120 Liberty St., New York City. Dec. 16, 1896

CABOT, FRANCIS ELLIOTT, Assistant Secy. and Electrician, Boston Board of Fire Underwriters, 55 Kilby St., Boston, Mass. Apr. 17, 1895

CABOT, SEWALL, Electrical Dept., New England Tel. & Tel. Co., 101 Milk St., Boston; res., High St., Brookline, Mass. Jan. 24, 1902

CADY, LAWRENCE WHITTREDGE, Student, General Electric Co.; res., 41 Main St., Lynn, Mass. Apr. 23, 1903

CALDERWOOD, HUGH ALEXANDER, Electrical Inspector, Underwriters' Association of the Middle Dept., Pittsburg, Pa. July 28, 1903

CALDWELL, EDWARD, Importer and Dealer, Technical Books and Periodicals, 114 Liberty St., New York City. Jan. 20, 1891

CALDWELL, ELIOT LINCOLN, Department Superintendent, Edison Electric Illuminating Co., 3 Head Place, Boston, Mass. Apr. 23, 1903

CALDWELL, EUGENE WILSON, Electrical Engineer, 315 Fifth Ave.; res., 20 E. 31st St., New York City. Jan. 24, 1902

CALISCH, JULIUS C., Manager Buffalo Office, General Electric Co., Ellicott Square Building, Buffalo, N. Y. Dec. 19, 1902

CALVERT, RICHARD C. M., Chief Operator, Cauvery Power Scheme, Champion Reefs, Mysore State, India. Sept. 25, 1903

CAMPBELL, EDWARD, Secretary and Treasurer, The Germania Electric Lamp Co., Harrison; res., East Orange, N. J. Mar. 27, 1903

CAMPBELL, GEORGE ASHLEY, Electrical Engineer, The American Telephone and Tel. Co., 125 Milk St., Boston, Mass. Mar. 27, 1903

CAMPBELL, HENRY ARTHUR, Electrician, Jamaica Electric Light & Power Co., Ltd., 38 Harbor St., Kingston, Jamaica, W. I. Sept. 27, 1899

CAMPBELL, JOHN A., Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Jan. 23, 1903

CAMPBELL, JOSEPH WILLIAM, Canadian General Electric Co., Ltd., 14 King St., E.; res., 92 Glen Road, Toronto, Ont. July 28. 1903

CANFIELD, CHARLES ERNEST, Electrical Engineer, Stanley Electric Mfg. Co.; res., 28 Hamlin St., Pittsfield, Mass. Aug. 22, 1902

CANFIELD, MILTON C., Electrical Engineer, Railway Department, Stanley Electric Mfg. Co., Pittsfield, Mass. Feb. 21, 1893

CAPUCCIO, MARIO, Raimondo & Capuccio, Consulting Engineers and Patent Agents, Piazza Castello 22, Turin, Italy. Dec. 20, 1893

CARLEBACH, WALTER MAXWELL, Student, Columbia University; res., 136 W. 86th St., New York City. June 19, 1903

CARLIN, WILLIAM HENRY, Electrical Engineer, H. Eckstein & Co., Johannesburg, S. A. Sept. 25, 1903

CARLTON, WILLARD GILBERT, Assistant to Chief Operating Engineer, Chicago Edison Co., 139 Adams St., Chicago, Ill. Oct. 25, 1901

CARNAGHAN, E. D., M.E., Ventanas Consolidated Mining and Milling Co., Villa Corona, Do. Mexico. July 26, 1900

CARPENTER, CHAS. E., Vice-President, Carpenter Enclosed Resistance Co., 79 E. 130th St., New York City. Aug. 5, 1896

CARPENTER, HENRY CANNON, Assistant in Engineering Department N.Y. Telephone Co.; res., 113 E. 69th St., New York City. Oct. 25, 1901

CARPENTER, HUBERT VENTON, Professor of Mechanical Engineering, Washington Agricultural College, Pullman, Wash. Feb. 27, 1903

CARR, JOHN HERBERT, Chief Electrician, Arnold Print Works, North Adams, Mass. Dec. 18, 1903

CARTER, FREDERICK WILLIAM, *M.A.*, British Thomson-Houston Co., Ltd., Rugby, Eng. Sept. 28, 1898

CARTWRIGHT, CRELLIN, Tester, General Electric Co.; res., 773 State St., Schenectady, N. Y. Dec. 18, 1903

CASE, WILLARD E., 196 West Genesee St., Auburn, N. Y. Feb. 7, 1888

CASE, WILLIAM MELANCTHAN, Manager and Superintendent, Queen City Electric Light and Power Co., Clarksville, Tenn. Mar 27, 1903

CASSIDY, JOHN, Superintendent Mutual Telephone Co., Honolulu, Hawaiian Islands, U. S. A. Nov. 23, 1898

CECIL, THOMAS, Chief Electrician, *New York Herald*, Broadway and 35th St., res., 23 Manhattan Ave., New York City. April 23, 1903

CHACE, PAUL GRISWOLD, Electrical Engineer, D. H. Burnham & Co., The Rookery; res., 5740 Rosalie Ct., Chicago, Ill. Mar. 27, 1903

CHACE, WILLIAM GREGORY, Electrical Engineer, Mitchell & Jackson, Niagara Falls; res., St. Catharines, Ont. Oct. 23, 1903

CHALMERS, CHARLES HENRY, Vice-President and General Manager, Electric Machinery Co., Minneapolis, Minn. Feb. 27, 1903

CHAMBERLAIN, AARON FRANKLIN, Westinghouse Electric and Mfg. Co.; 708 Land Title Building, Philadelphia, Pa. Dec. 19, 1902

CHAMBERS, FRANK ROSS, JR., Draftsman, with E. W. Cummings, 70 Dexter Horton Buildings, Seattle, Wash. Oct. 23, 1903

CHAPMAN, A. WRIGHT, 160 Hicks St., Brooklyn, N. Y. Mar. 25, 1896

CHAPPELL, WALTER E., Engineer, British Westinghouse Electric & Mfg. Co., Ltd., Trafford Park, Manchester, Eng. May 16, 1899
[Life Member.]

CHASE, CHARLES ALBERT, Assistant Engineer, General Electric Co., 84 State St., Boston; res., Dorchester, Mass. Apr. 23, 1903

DE CHATELAIN, MIKAIL ANDREJEVITCH, Professor of Electrical Engineering, Wasily Ostrow, 10 line No. 5, St. Petersburg. Nov. 23, 1900

CHEEVER, MARKHAM, Engineering Department, The Ontario Power Co.; res., The Alexandria, Niagara Falls Centre, Ontario. Sept. 25, 1903

CHERRY, FLOYD H., 315 S. Bunkerhill Ave., Los Angeles, Cal. June 19, 1903

CHESTER, M. E., Telephone Engineer, Western Electric Co., 463 West St.; res., 296 Manhattan Ave., New York City. Feb. 28, 1902

CHETWOOD, ROBERT EDES, JR., Assistant Electrician, The American Teleph. and Tel. Co., 22 Thames St., New York City. Mar. 27, 1903

CHEYNEY, ALGERNON ROBERTS, Station Supt. The Phila. Electric Co., 26th and Callowhill St. Station, Philadelphia, Pa. Apr. 23, 1903

CHILDS, SUMNER W., Engineer, 15 Cortlandt St., New York City. May 15, 1894

CHISHOLM, FREDERICK JOHN, Special Student, Westinghouse Electric & Mfg. Co., Pittsburg, Pa. May 19, 1903

CHUBBUCK, LEONARD BURROWS, Engineering Department, Westinghouse E. & Mfg. Co.; res., 510 South Ave., Pittsburg, Pa. Feb. 28, 1902

CHURCHWARD, ALEXANDER, Electrical Engineer, General Electric Co., 44 Broad St., New York City; res., Pelham, N. Y. Mar. 27, 1903

CLACK, CHARLES WILLIAM, Telephone Engineer, Western Electric Co., N. Woolwich; res., Finsbury Park, London, Eng. May 19, 1903

CLARK, CHAS. M., *E.E.*, Clark & MacMullen, 22 Broad St., New York City Apr. 22, 1896

CLARK, CHARLES WESTON, Agent, General Electric Co., Claus Spreckels Building, San Francisco; res., Berkeley, Cal. Apr. 23, 1903

CLARK, CLARENCE DOANE, Engineering Department, California Gas & Elec. Co., 2207 Ellsworth St., Berkeley, Cal. May 19, 1903

CLARK, FARLEY GRANGER, Electrician Westinghouse Church, Kerr & Co., 8 Bridge St., New York City. Apr. 26, 1901

CLARK, HORACE STEDMAN, Electrical Engineer, Westinghouse Electric & Mfg. Co., 621 Trust Building, Los Angeles, Cal. Jan. 23, 1903

CLARK, NORMAN FREDERIC, Electrical Engineer, Wm. E. Baker & Co.; 170 Broadway; res., 120 W. 116th St., New York City. Jan. 23, 1903

CLARK, WALLACE S., Engineer, Wire, Cable and Tube Department, General Electric Co., Schenectady, N. Y. Apr. 25, 1902

CLARK, WALTER G., Engineer and Manager, Kilbourne & Clark Co., 815 Second Ave., Seattle Wash. Mar. 27, 1903

CLARK, WM. EDWIN, Clark & Mills, Engineers and Contractors, 543 Boylston St., Boston, & 23 Church St., Cambridge, Mass. Aug. 23, 1899

CLARK, WILLIAM J., General Manager, Foreign Dept., General Electric Co., 44 Broad St., New York City. Apr. 22, 1896

CLARKE, JAMES ULRICK, Superintendent Lancaster Traction Co., Lancaster, Ohio. Feb. 27, 1903

CLARKE, LEON, Electrical Engineer, McCormick Division, International Harvester Co., Chicago, Ill. July 28, 1903

CLAYPOOLE, CURTIS, Estimating and Superintending Construction, Claypoole Electric Co., 134 E. Long St. Columbus, O. Apr. 23, 1903

CLELAND, HARRY W., 1012 Wood St., Wilkinsburg, Pa. Dec. 18, 1903

CLEMENT, EDWARD E., Patent Attorney and Electrical Expert, McGill Building, 908 G St., N.W., Washington, D. C. May 18, 1897

CLEMENT, LEWIS M., Haywards, Alameda Co., Cal. Apr. 21, 1891

CLIFT, ARTHUR S., Chief Mechanical Engineer, Siemens Bros. & Co., Ltd., Woolwich, Kent, Eng. Sept. 27, 1901

CLOHESEY THOMAS F., General Manager, Quincy Gas & Electric Co., Quincy, Ill Sept. 25, 1903

CLORAN, GERALD JOSEPH, Electrical Engineer, Interborough Rapid Transit Co.; res., 408 W. 150th St., New York City. June 19, 1903

CLOUGH, ALBERT L., Manchester, N. H. Feb. 21, 1894

CLOUGH, DWIGHT EDWARD, Electrical Engineer, Pacific Electric Railway Co., Los Angeles; res., Long Beach, Cal. April 26, 1902

CLOUGH, FREDERICK HORTON, Alternating Current Designing Office, British-Thomson-Houston Co., Rugby, Eng. June 19, 1903

COATES, CHARLES BENJ., Electrical Engineer, The Keystone Electric Co., res., 709 Liberty St., Erie, Pa. Jan. 23, 1903

COCHRAN, BERRY WYNN, 208 Liberty St., Schenectady, N. Y. June 19, 1903

COCHRAN, ROBERT BARTER, Student in Electrical Testing Department General Electric Co., Lynn, Mass. Apr. 23, 1903

CODMAN, JOHN STURGIS, Consulting Engineer, Associated with R. S. Hale, 31 Milk St.; res., 57 Marlborough St., Boston, Mass. Feb. 15, 1899

CODY, L. P., Manager and Engineer, Grand Rapids Electric Co., 9 South Division St., Grand Rapids, Mich. Aug. 5, 1896

COFFIN, CHAS. A., General Electric Co., 44 Broad St., New York City. Dec. 6, 1887

COGAN, HENRY MANNING, Electrical Engineer, The American Sugar Refining Co., Kent Ave., Brooklyn, N. Y. Sept. 26, 1902

COGHLIN, JOHN P., Electrical Engineer and Contractor, Page Electric Co. 24 Pearl St., Worcester, Mass. Sept. 27, 1901

COHO, HERBERT B., New York President, H. B. Coho & Co., 114 Liberty St., New York City; res., Mt. Vernon, N. Y. Mar. 21, 1894

COKEFAIR, FRANCIS ALBERTSON, Chief Engineer, Great Northern Power Co., Duluth, Minn. Sept. 25, 1903

COLBY, SAFFORD KINKEAD, Manager N. Y. Office, The Pittsburg Reduction Co., 99 John St., New York City. May 19, 1903

COLDWELL, ORIN B., Assistant Electrical Engineer, Portland General Electric Co.; res., 267 Grant St., Portland, Ore. Mar. 27, 1903

COLE, GEORGE MARSHALL, Engineer, Sanderson & Porter, Plattsburg, N. Y. July 25, 1902

COLE, GEORGE PERCY, Motor Designing Engineer, Wagner Electric Mfg. Co.; res., 2712 Locust St., St. Louis, Mo. Oct. 23, 1903

COLE, HENRY ERNEST, Electrical Engineer, Watts & Cole, 1200 Westinghouse Building, Pittsburg, Pa. July 28, 1903

COLEMAN, WALTER H., Supt. and Treasurer, Andover Electric Co., Andover, Mass. Sept. 28, 1898

COLES, EDMUND P., Local Engineer, General Electric Co., 214 S. 11th St., Philadelphia, Pa. Oct. 23, 1895

COLLETT, SAMUEL D., Eastern Manager, Elevator Supply and Repair Co., 136 Liberty St., New York City. Feb. 26, 1896

COLLIER, WILLIAM RAWSON, Electrical Engineer, Collier & Brown, Atlanta, Ga. May 19, 1903

COLLINS, ARCHIE FREDERICK, Elec. Engineer and Inventor, Collins Wireless Teleph. and Tel. Co., 11 Broadway, New York. June 28, 1901

COLLINS, CURTIS C., Electrical Engineer, S. A. Luz Electrica, San Juan, P. R. Oct. 24, 1902

COLLYER, ALFRED, District Manager, Bullock Electric Mfg. Co., 402 Merchants' Bank Building, Montreal, Can. Aug. 22, 1902

COLWELL, FREDERICK CHARLES, Bullock Electric Mfg. Co., Cincinnati, Ohio. Mar. 27, 1903

COMPTON, ALFRED G., Professor of Applied Mathematics, College of the City of New York, 17 Lexington Ave., New York City. Nov. 1, 1887

COMSTOCK, CHARLES WORTHINGTON, Consulting Engineer, Engineering Co. of America, 213 Boston Building, Denver, Colo. June 19, 1903

CONKLING, DEWITT C., Inventor and Model Maker; res., 14 Third St., Hoboken, N. J. Sep. 25, 1903

CONKLIN, OLIVER FRANCIS, Consulting Electrical Engineer, The Robbins & Myers Co., Springfield, Ohio. Oct. 25, 1901

CONLEE, FREDERICK MONROE, Chief Draftsman, Northern Electric Mfg. Co.; res. 1212 Spaight St., Madison, Wis. Dec. 18, 1903

CONN, FRANK, W., Superintendent, N. Y. & N. J. Tel. Co., 81 Willoughby St.; res., 77 St. James Pl., Brooklyn, N. Y. July 28, 1903

CONRAD, FRANK, Electrical Engineer, Westinghouse Electric & Mfg. Co., Pittsburg; res., Edgewood Park, Pa. Dec. 19, 1902

CONVERSE, V. G., Ontario Power Co., Niagara Falls South, Ont. Nov. 23, 1900

CONWELL, WALTER LEWIS, Westinghouse Electric and Mfg. Co., 11 Pine St., New York City; res., Upper Montclair, N. J. May 20, 1902

COOK, ARTHUR LEROY, Assistant Instructor in Applied Electricity, Pratt Institute; res., 281 Ryerson St., Brooklyn, N. Y. Dec. 19, 1902

COOK, EDWARD JEROME, Electrical Engineer, Cleveland Electric Railway Co., Western Reserve Bldg., Cleveland, Ohio. May 15, 1900

COOK, JAMES CARR, Student, Georgia School of Technology; res., Cusseta, Ga. June 19, 1903

COOKE, GEORGE A., Electrical Engineer, 519 North Oak Park Ave., Oak Park, Ill. MAR. 22 1901

COOLEY, FREDERICK EDMOND, Testing Department, General Electric Co.; res., 785 State St., Schenectady, N. Y. Nov. 20, 1903

COOPER, WILLIAM RANSOM, Consulting Engineer, with James Swinburne, 82 Victoria St., London, Eng. July 25, 1902

COPELAND, CLEM A., Office Edison Electric Co., 845 Coronado St., Los Angeles, Cal. June 23, 1897

CORA, CHARLES ANTHONY, Assistant Wire Chief, American Telephone and Telegraph Co., 261 Triangle St., Buffalo, N. Y. Dec. 19, 1902

CORBETT, LAURENCE JAY, 412 Bartlett St,, San Francisco, Cal. Mar. 27, 1903

COREY, FRED BRAINARD, Engineer, General Electric Co.; res., 1009 Nott St., Schenectady, N. Y. Dec. 20, 1893

CORNELL, JOHN B., Niles-Bement-Pond Co., 136 Liberty St., New York City. Sept. 25, 1895

CORNING, JOHN WOODSIDE, Electrical Engineer, Boston Elevated Ry. Co.; 439 Albany St., Boston; res., Brookline, Mass. Jan. 23, 1903

CORNMAN, GEORGE W. W. JR., Supt. Keystone Elec. Inst. Co., 9th & Montgomery Ave., Philadelphia, Pa. Jan. 23, 1903

CORNWALL, CLEMENT ARTHUR, Engineer in charge of shift, B. C. Electric Railway Co., Vancouver; res., Ashcroft, B. C. May 19, 1903

CORSON, WILLIAM R. C., Consulting Electrical Engineer, 36 Pearl St., Hartford, Conn. Jan. 17, 1893

COSGROVE, JAMES FRANCIS, 38 St. Andrews Place, Yonkers, N. Y. Nov. 23, 1898

COWEN, JULIAN BETTY, Manager of Export Department, General Incandescent Arc Light Co., 572 First Ave., New York City. Feb. 28, 1902

COWPER-COLES, SHERARD OSBORN, Grosvenor Mansions, 82 Victoria St., London, S. W., Eng. Aug. 22, 1902

CRAIG, THOMAS EDGAR, Salesman, General Electric Co., 84 State St., Boston; res., 256 So. Common St., Lynn, Mass. Feb. 27, 1903

CRAIN, JOHN JAY, 2000 H. St., N. W., Washington. D. C. Dec. 16, 1896

CRAIN, L. D., Assoc. Prof. Mech. Eng., The State Agri. College, Fort Collins, Colo. Jan. 23, 1903

CRAMPTON, STEWART HOOKER, First Asst. Supervising Eng., N. Y. Teleph. Co., 15 Dey St., New York City. Jan. 23, 1903

CRANDALL, CHESTER D., Manager, Western Electric Co., 259 South Clinton St.; res., 2821 Sheridan Road, Chicago, Ill. Sept. 27, 1892

CRANE, HENRY MIDDLEBROOK, Western Electric Co., 463 West St.; res., 532 Fifth Ave., New York City. Mar. 27, 1903

CRAVATH, JAMES RALEY, Western Editor, *Street Railway Journal*, 1139 Monadnock Block, Chicago, Ill. Nov. 23, 1901

CRAWFORD, DAVID FRANCIS, General Supt. Motive Power, Penn'a Co., Union Station, Pittsburg, Pa. Sept. 25, 1895

CRAWFORD, JACK RANDALL, 17 Stratton St., W. London, Eng. Dec. 19, 1902

CRAWFORD, NORMAN McDONALD, General Manager, Hartford Street Railway Co.; res., 111 State St., Hartford, Conn. Mar. 27, 1903

CREAGHEAD, THOMAS J., President and General Manager, Creaghead Engineering Co., 313 Walnut St., Cincinnati, Ohio. Sept. 20, 1893

CREELMAN, ADAM, Superintendent, Rockland Electric Co., Hillburn, N. Y. Mar. 27, 1903

CREHORE, ALBERT C., *Ph.D.*, The Crehore-Squier Intelligence Transmission Co., Lincoln Terrace, Yonkers, N. Y. Dec. 21, 1892

CREIGHTON, ELMER ELLSWORTH FARMER, Engineer of Experimental Dept., Stanley Electric Mfg. Co., Pittsfield, Mass. May 20, 1902

CROCKER, JAMES ROGER, Acker Process Co., Niagara Falls, N. Y. Dec. 19, 1902

CRONVALL, ERIK, Electrical Draftsman, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Feb. 27, 1903

CROSBY, OSCAR T., with J. G. White & Co., 43 Exchange Place, New York City. Mar. 18, 1890

CROSS, EDMUND RUST, Dynamo Testing, Department Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Feb. 27, 1903

CROSSMAN, GILBERT, Telephone Engineer, Western Electric Co., 463 West St.; res., 145 W. 10th St., New York City. Nov. 22, 1901

DE CROW, CHARLES EDWARD, In charge of Power Apparatus, Output Dept., W. E. Co., 242 S. Jefferson St., Chicago, Ill. Sept. 27, 1901

CROWELL, ROBINSON, Assistant Electrician, Sacramento Electric Gas and Railway Co., Sacramento, Cal. Dec. 28, 1898

CROZIER, ARTHUR BERTRAM, Draftsman and Engineer, Schwarzchild & Sulzberger Packing Co., 41st St., Chicago, Ill. Jan. 9, 1901

CROZIER, HERBERT WILLIAM, Electrical Engineer, S. F Department of Electricity; res., 677 Pine St., San Francisco, Cal. Apr. 23, 1903

CRUMPTON, WILLIAM JAIRUS, Student, University of Wisconsin; res., West Superior, Mich. Sep. 25, 1903

CULLEN, EDWARD L., Chief Operator, Cauvery Transmission Scheme, Sirasamudrum, Mysore, India. July 28, 1903

CULVER, FRANK S., Salesman, Northern Electric Mfg. Co., Madison, Wis. Dec. 18, 1903

CUMMISKEY, WILLIAM MICHAEL, Draftsman, Marine Engine and Machine Co., Harrison; res., 108 James St., Newark, N. J. April 23, 1903

DA CUNHA, MANOEL IGNACIO, Manager of the Electrical Section, Emprera Industrial Gram-Para, Para, U. S. of Brazil. May 16, 1893

CUNNINGHAM, E. R., Des Moines City Railway Co., 607 Mulberry St., Des Moines, Iowa. Jan. 22, 1896

CUNNINGHAM, RICHARD H., Instructor in Electro-Physiology, Columbia University; res., 200 W. 56th St., New York City. May 21, 1901

CUNTZ, JOHANNES H., *Engineering Magazine*, 120 Liberty St., New York City; res., 325 Hudson St., Hoboken, N. J. Mar. 5, 1889

CURRIE, HARRY ALLAN, Electrician, Brooklyn Heights R. R. Co.; res., 87 South 9th St., Brooklyn, N. Y. Apr. 23, 1903

CURRIE, N. M., Electrical Engineer, Electric Light Department, Cia de Gas de Valparaiso, Valparaiso, Chili. Feb. 15, 1899

CURRIE, WILLIAM, JR., Electrical Engineer, 89 Union Ave., Montreal, Que. July 25, 1902

CURTIS, CARL CLIFTON, General Manager, The Sandusky Tel. Co., Sandusky, Ohio. Aug. 22, 1902

CUTLER, ELIHU HERBERT, Manager, The Elektron Mfg. Co., 84 Westminster St., Springfield, Mass. Apr. 23, 1903

CUTLER, HENRY H., Vice-President and Chief Engineer, The Cutler-Hammer Mfg. Co., Milwaukee, Wis. June 19, 1903

CUTLER, JAMES ELMER, Manager of Philadelphia Office Stanley Electric Mfg. Co., 26 So. 15th St., Philadelphia, Pa. Apr. 25, 1902

DAGGETT, ROYAL BRADFORD, Electrical Engineer, Electric Storage Battery Co., 43 Nevada Block, San Francisco, Cal. Jan. 25, 1899

DAHLANDER, ROBERT, Electrical Engineer, The Royal Government of the Railways of Sweden, Stockholm, Sweden. May 19, 1903

DAMON, GEO. A., Electrical Engineer, Arnold Electric Power Station Co., 1540 Marquette Building, Chicago, Ill. June 24, 1898

DAMON, GEO. B., Manager, Cahall Sales Dept., 1110 Farmer's Bank Building, Pittsburg, Pa. June 23, 1897

DANIELS, HAROLD PLATT, Testing Department, General Electric Co.; res., 5 So. Church St., Schenectady, N. Y. Dec. 19, 1902

DANIELSON, ERNST, Technical Director, Allmanna Svenska Elektriska, A. B., Westerås, Sweden. June 27, 1895

DARBY, WALTER RAINES, Pittsburg Reduction Co., 99 John St., New York City; res., 18 Summit Ave., Westfield, N. J. May 20, 1902

DASSORI, FREDERICK HUMBERT, Engineering Dept., N. Y. & N. J. Telephone Co., 81 Willoughby St., Brooklyn, N. Y. May 21, 1901

DATES, HENRY B., Professor of Electrical Engineering and Physics, University of Colorado, Boulder, Colo. Dec. 28, 1898

DAVENPORT, GEORGE W., 44 Bay St., Winchester, Mass. June 4, 1889

DAVIDSON, EDW. C., Patent Lawyer, 141 Broadway, New York City. Feb. 7, 1890

DAVIDSON, JAMES EDWARD, Superintendent, Port Huron Light and Power Co., Port Huron, Mich. Mar. 28, 1902

DAVIDSON, JOHN CLARENCE, Electrician and Chief Engineer, S. S. White Dental Mfg. Co., Princes Bay, N. Y. May 19, 1903

DAVIDSON, ROLLAND ARTHUR, General Manager, Newburgh Light, Heat and Power Co.; 298 Grand St., Newburgh, N. Y. Mar. 27, 1903

DAVIES, JOHN HUBERT, Senior Partner, Hubert Davies & Spain, Johannesburg, S. A. Oct. 23, 1903

DAVIS, ARTHUR PERCY, 167 Russell St., Worcester, Mass. July 28, 1903

DAVIS, CHARLES BRIDGE, Local Manager of Boston Office, General Electric Co., 84 State St., Boston; res., Lexington, Mass. Apr. 23, 1903

DAVIS, DELAMORE L., Superintendent, Salem Electric Light and Power Co., 299 Lincoln Ave., Salem, Ohio. Apr. 2, 1889

DAVIS, ERNEST EDGAR, Mechanical and Electrical Engineer, Davis & Forrest, Savannah, Ga. Nov. 20, 1903

DAVIS, FRED HORNE, Consulting Engineer, Winchester House, Loveday St., Johannesburg, Transvaal. Sept. 25, 1903

DAVIS, JESSE HOOD, Draftsman, Motive Power Department, Pennsylvania Railroad, 1409 10th St., Altoona, Pa. June 19, 1903

DAVIS, JOSEPH P., Engineer, American Telephone and Telegraph Co., 113 W. 38th St., New York City. Apr. 15, 1884

DAVIS, LESLIE FOSTER, Secretary and Manager, Jamaica Electric Light & Power Co., Ltd., 38 Harbor St., Kingston, Jamaica. Sept. 27, 1899

DAVIS, PHILIP W., Engineer of New England Office, The Electric Storage Battery Co., Boston; res., Cambridge, Mass. May 15, 1900

DAVIS, SOLOMON, Proprietor, The Conduit Wiring Co., 12 West 29th St., New York City. July 25, 1902

DAVIS, WILLIAM GRIFFITH, Electrical Engineer, Electric Storage Battery Co., 19th St. & Allegheny Ave., Philadelphia, Pa. Oct. 24, 1902

DAVIS, W. J., JR., Electrical Engineer, General Electric Co., Schenectady, N. Y. Mar. 20, 1895

DAWSON, JOSIAH, Contractor for Electric Light and Power, etc., Cuba Street Extension, Wellington, New Zealand. Jan. 9, 1901

DAY CHARLES, Dodge & Day, Nicetown; res , Germantown, Philadelphia, Pa. May 20, 1902

DAY, WINTERTON JAMES, Power and Mining Engineering Department, General Electric Co., Schenectady, N. Y. June 19, 1903

DEAN, WALTER CLARK, Electrical Draughtsman in charge Equipment Department, Norfolk Navy Yard; res., Norfolk, Va. Sept. 17, 1901

DEAN, WILLIAM TUCKER, Chief Electrician, Illinois Steel Co., So. Chicago; res., 748 E. 72d St., Chicago, Ill. Apr. 23, 1903

DEAN, WILLIAM WARREN, Vice-President Dean Electric Co., Elyria, Ohio. Nov. 21, 1902

DE BLOIS, LEWIS AMORY, Electrical Engineer, with Harry Alexander, Astor Court Building, W. 33d St., New York City. Sept. 25, 1903

DECKER, WARD, Manufacturing Electrical Specialties and Automobiles, Owego, N. Y. May 19, 1903

DEEDS, EDWARD ANDREW, Assistant General Manager National Cash Register Co., Dayton, Ohio. Nov. 23, 1900

DELAFIELD, CLARENCE E., District Manager, Wagner-Bullock Co., 2017 Locust St., St. Louis, Mo. Apr. 23, 1903

DELAVAL, LEON, Electrical Engineer, Westinghouse Electric and Mfg. Co., Pittsburg; res., Wilmerding, Pa. June 19, 1903

DE MARCHENO, E., Chief Engineer, Compagnie Francais, Thomson Houston, 10 Rue de Londres, Paris, France. June 19, 1903

DEMPSTER, THOMAS, Electrical Engineer, General Electric Co., Schenectady, N. Y. May 17, 1898

DENN, HOWARD HARPER, Teacher in Mechanical Drawing, Drexel Institute; res., 4408 Walnut St., Philadelphia, Pa. Dec. 18, 1903

DENNISON, EDGAR WALLACE, District Manager, New York and New Jersey Telephone Co., 11 Cone St., Orange, N. J. June 19, 1903

DE WOLF, ROGER DENNISON, Electrical Engineer, Westinghouse Eletric and Mfg. Co., Pittsburg, Pa Nov. 20, 1903

DICK, WILLIAM AMZI, Designing Electrical Engineer, Westinghouse E. & M. Co., Pittsburg, Pa. Mar. 28, 1902

DICKERSON, E. N., Attorney-at-Law, 141 Broadway; res., 64 E. 34th St., New York City. Apr. 15, 1884

DICKINSON, EDGAR DRURY, Testing Dept. General Electric Co.; res., 5 So. Church St., Schenectady, N. Y. Jan. 23, 1903

DICKINSON, HARRY HAMMOND, Erecting Engineer, Arnold Electric Power Station Co., 1539 Marquette Building, Chicago, Ill. July 28, 1903

DIETERICH, ALBERT EDGAR, Solicitor of Patents, with Fred G. Dieterich, 602 F St., N. W. Washington, D. C. Jan. 23, 1903

DIETERICH, FRED G., Solicitor of Patents and Mechanical Expert, 602 F St., Washington, D. C. July 18, 1899

DILLON, EDWARD PAUL, Electrical Engineer, The Colorodo Springs Electric Co., 107 East Kiowa St., Colorado Springs, Colo. Sept. 26, 1902

DINKEY, ALVA C., Supt. Electric Dept., Homestead Steel Works, Munhall, Pa. Feb. 17, 1897

DINSMORE, SAMUEL C., Expert Nutrition Investigation U. S. D. A., Wesleyan University, Middletown, Conn. Sept. 25, 1903

DIX, WALTER S., Mechanical and Electrical Engineer, Sanderson & Porter, 52 William St., New York City. May 19, 1903

DIXON, JAMES, Electrical Engineer, Gray National Telautograph Co., 80 Broadway, New York City. Jan. 24, 1902

DIXON, WILL MONTAGUE, Foreman, Inside Wiring, World's Fair, St. Louis, Mo. May 19, 1903

DOBBELAAR, EDWARD CHRISTIAN, Assistant Engineer, New York *Sun*, 170 Nassau St., New York City. Sept. 25, 1903

DOBBIE, ROBERT S., Electrical Engineer, Riding Mill-on-Tyne, Northumberland, Eng. Feb. 5, 1889

DODD, JOHN NEVINS, Designer Electrical Machinery, English Electrical Mfg. Co., West Strand Road, Preston, Lancashire, Eng. Feb. 27, 1903

DODD, SAMUEL THOMSON, Engineer Railway Department, Stanley Electric Mfg. Co., Pittsfield, Mass. Sept. 27, 1901

DODGE, KERN, Dodge & Day, Nicetown; res., Germantown, Philadelphia, Pa. May 20, 1902

DOLPH, JOHN CLEMENT, Manager, Insulating Varnish Department, Standard Varnish Works, Brooklyn, N. Y. Sept. 25, 1903

DONALDSON, KEITH, Assistant in Construction Department, J. G. White & Co., 43 Exchange Place, New York City. May 19, 1903

DONALDSON, WM. W., Electrical Engineer, The Gould Storage Battery Co., 25 W. 33d St., New York City. May 21, 1901

DON CARLOS, HENRY C., Station Foreman, The Telluride Power Transmission Co., Telluride, Colo.; res., Clarkbsurg, Mo. Apr. 23, 1903

DONSHEA, WILLIAM ISAAC, District Superintendent, The N. Y. Edison Co., 55 Duane St., New York City. Apr. 23, 1903

DOOLITTLE, CHARLES BENJAMIN, Supt. of Traffic, The Southern N. E. Telephone Co., 118 Court St., New Haven, Conn. Apr. 23, 1903

DOOLITTLE, CLARENCE E., Manager and Electrician, Roaring Fork Electric Light and Power Co., Aspen, Colo. May 15, 1895

DOOLITTLE, THOMAS B., Engineering Department, American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. May 16, 1893

DOPP, WILLIAM HUGH, Stanley Electric Mfg. Co., Pittsfield, Mass. Sept 27, 1901

DOREMUS, CHARLES AVERY, *M.D., Ph.D.*, 55 West 53d St., New York City. July 7, 1884

DORNBUSCH, LOUIS CHARLES, Student, Polytechnic Institute; res., 61 Hancock St., Brooklyn, N. Y. Dec. 19, 1902

DOSTAL, JOHN FRANK, Member of Engineering Corps, Denver Gas and Electric Co., 2432 Stout St., Denver, Colo. Mar. 27, 1903

DOTY, ERNEST LAWRENCE, Assistant Engineer, Westinghouse E. & M. Co., 11 Pine St., New York City. Sept. 25, 1903

DOUBLEDAY, HARRY M., Doubleday-Hill Electric Co., 535 Wood St., Pittsburg, Pa. July 25, 1902

DOUBRAVA, HARRY WILFRED, Engineer, Bullock Electric Mfg. Co., 220 Broadway, New York City. May 20, 1902

DOUBT, THOMAS EATON, Graduate Student, The University of Chicago, 5802 Jackson Ave., Chicago, Ill. Jan. 9, 1901

DOUD, CHARLES HAMILTON, With Sawyer, Man Electric Co., 510 West 23d St.; res., 30 W. 44th St., New York City. Sept. 27, 1901

DOUGHERTY, CHARLES JAMES, Electrical Engineer, The Wm. Cramp & Sons Ship and Engine Building Co., Philadelphia, Pa. May 19, 1903

DOUGHERTY, PROCTOR L., Electrical Engineer, Treasury Department; res , 1427 Binney St., Washington, D. C. Dec. 19, 1902

DOUGLAS, EDWIN RUST, Chief Draftsman, The Crocker-Wheeler Co., Ampere, N. J.; res., East Orange, N. J. Jan. 23, 1903

DOUGLAS, EGBERT, Construction Engineer, General Electric Co., Ruggery Building, Columbus, Ohio. Apr. 23, 1903

DOW, HERBERT WILLIAM, Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. May. 19, 1903

DOW, JAMES CHASE, Switchboard Attendant, Missouri River Powe Cor., 551 S. Main St., Butte, Mont. Feb. 27, 1903

DOWIE, HORACE, With Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City; 363 Jefferson Ave., Brooklyn, N. Y. Jan. 25, 1901

DOWNERD, HIROM S., Erecting Engineer, 240 Marshall Ave., Columbus, Ohio. June 19, 1903

DOWNES, LOUIS W., Vice-President and General Manager, The D. & W. Fuse Co., 407 Pine St., Providence, R. I. Nov. 22, 1899

DOWNING, P. M., Supt. of Sub-Stations, California Gas & Elec. Corp., Rialto Bldg., San Francisco, Cal. June 24, 1898

DOWNS, EDGAR SELAH, 704 Trenton Ave., Wilkinsburg, Pa. May 19, 1903

DOWNTON, CHARLES EDWARDS, Foreman of Apprentices, The Westinghouse Electric & Mfg. Co., Pittsburg, Pa. Jan. 23, 1903

DRAKE, BERNARD MERVYN, Chairman, Drake & Gorham, Ltd., 66 Victoria St., London, S.W., Eng. Apr. 23, 1903

DRAKE, DAVID E., Sales Department, Westinghouse Electric and Mfg. Co., 120 Broadway; res., 260 Sixth Ave., Newark, N. J. June 19, 1903

DRAKE, HERBERT WILLIAM, Assistant Wire Chief, American Telephone and Telegraph Co., 261 Triangle St., Buffalo, N. Y. Dec. 19, 1902

DRANE, FRANK NEAL, Secretary and Treasurer, Corsicana Gas & Electric Co., Corsicana, Tex. Sept. 25, 1903

DRESSEL, JOHN HATHAWAY, 436 S Ave., Wilkinsburg, Pa. Sept. 27, 1901

DRESSER, CHARLES A., Supt., Kohler Bros., 1808 Fisher Bldg., Chicago, Ill. May 21, 1901

DRESSLER, CHARLES E., 17 Lexington Ave., New York City. Dec. 16, 1890

DROHAN, T. E., Supt. of Shops, Northern Electric Mfg. Co., Madison, Wis. May 21, 1901

DRYER, ERVIN, Salesman and Engineer, Westinghouse E. & Mfg. Co.; 171 La Salle St., Chicago, Ill. Feb. 28, 1902

DRYSDALE, DR. W. A., Consulting Electrical Engineer, 414 Hale Building, Philadelphia, Pa. Sept. 19, 1894

DUBOIS, ALEXANDER DAWES, Motor Application Engineer, Western Electric Co., 259 South Clinton St., Chicago, Ill. July 25, 1902

DUBOIS, TUTHILL, Electrical Contractor, 891 Glenmore Ave., Brooklyn, N. Y. Aug. 23, 1899

DUDLEY, EUGENE ELMER, Asst. Elec. Eng'r., Quartermaster's Dept., Bedloe's Island, N. Y. Harbor. Oct. 24, 1902

DUFRESNE, BERNARD MAURICE, Erecting Engineer, Westinghouse E. & M. Co.; res., 627 South Negley Ave., Pittsburg, Pa. Sept. 25, 1003

DUNCAN, JOHN D. E., Engineer, with Sanderson & Porter, 31 Nassau St., [Life Member.] New York City. Mar. 20, 1895

DUNCAN, THOMAS, Vice-President and General Manager, Duncan Electric Mfg. Co., Lafayette, Ind. Oct. 17, 1894

DUNLOP, ROBERT ROWSE, Engineer in Electrical Department, Jeffrey Mfg. Co.; res., 272 N. 17th St., Columbus, Ohio. Apr. 23, 1903

DUNN, CLIFFORD E., Patent Attorney, Park Row Bldg., New York City; res., 12a Monroe St., Brooklyn, N. Y. Feb. 15, 1899

DUNN, KINGSLEY G., With C. C. Moore & Co., 614 Pacific Block, Seattle, Washington Oct. 17, 1894

DURANT, EDWARD, Electrical Engineer, 115 East 26th St., New York City. Nov. 15, 1892

DURANT, GEO F., General Manager Bell Telephone Co., of Missouri, Telephone Building, St. Louis, Mo. Apr. 15, 1884

DUSMAN, JOHN F., General Manager, The York County Traction Co.; res., 15 S. George St., York, Pa. May 19, 1903

DWIGHT, THEODORE, Asst. Secy. Amer. Inst. of Mining Engrs., 99 John St.; res., 103 W. 55th St., New York City. Jan. 23, 1903

DYER, ERNEST L., Engineer and Manager of the Engineering Department of the American Trading Co., Yokohama, Japan. Jan. 25, 1899

DYER, SHUBAEL ALLEN, Manager Supply Dept. Mexican Mine & Smelting Supply Co., Callé San Francisco, No. 12, Mexico City, May 15, 1900

DYKE, OWEN ARTHUR WYNNE, Electrical Contractor, 90 St. George's St.; Capetown, South Africa. Sept. 27, 1901

DYSON, ALFRED HARTWELL, Engineer, Automatic Electric Co., cor. Morgan and Van Buren Sts., Chicago, Ill. Jan. 23, 1903

DYSTERUD, EMIL, [Address Unknown.] July 26, 1900

EASTMAN, FRANK HALL, Salesman, Washington Office, Crocker-Wheeler Co.; 1417 New York Ave., Washington, D. C. May 19, 1903

EASTMAN, GEORGE NIAL, In charge of Testing Laboratory, Chicago Edison Co., 139 Adams St., Chicago, Ill. Nov. 22, 1901

EASTWOOD, ARTHUR CLARKE, Electrical Engineer, The Wellman-Seaver-Morgan Engineering Co., Cleveland, Ohio. Mar. 27, 1903

EATON, HOWARD FRENCH, Mechanical and Electrical Draftsman, Stone & Webster, 19 High St., Boston; res., Quincy, Mass. Feb. 27, 1903

EDDY, H. C., Electrical Engineer, 924 Monadnock Building, Chicago, Ill. June 20, 1894

EDDY, HORACE T., University of Cincinnati, Cincinnati, Ohio. May 21, 1901

EDGAR, HARRY THOMAS, Manager El Paso Electric Railway Co., and International Light and Power Co., El Paso, Tex. Feb. 27, 1903

EDMANDS, I. R., Electrical Engineer and Superintendent, Union Carbide Co., Sault Ste. Marie, Mich. June 23, 1897

EDMANDS, SAMUEL SUMNER, Instructor, Applied Electricity, Pratt Institute, Brooklyn, N. Y. Mar. 22, 1901

EDMONDS, SAMUEL OWEN, Patent Lawyer, 32 Liberty St.; res., Lawrence Park, Bronxville, N. Y. July 28 1903

EDMONSTON, EDGAR DAVIS, Electrical Engineer, The Lackawanna Iron & Steel Co., res.; 401 Delaware Ave., Buffalo, N. Y. Apr. 25, 1902

EDSTROM, JOHANNES SIGFRID, General Manager, Allmanna Svenska Electric Co., Westerås, Sweden. May 19, 1903

EDWARDS, CLIFTON V., Attorney-at-Law and Solicitor of Patents, 220 Broadway, New York. Nov. 22, 1899

EDWARDS, JAMES P., Consulting Electrician, Augusta; res., Montesano, Summerville, Ga. Apr. 19, 1892

EDWARDS, JOSEPH BLACKBURN, Supt. Kellogg Switchboard and Supply Co., Congress and Green Sts., Chicago, Ill. Jan. 23, 1903

EGLIN, JAMES MEIKLE, Chief of Electric Dept. Edison Electric Light Co., 10th and Sansom Sts., Philadelphia, Pa. July 26, 1900

EGLIN, WM. C. L., Manager, Electrical Engineer, Edison Electric Lt. Co., 10th and Sansom Sts., Philadelphia, Pa. Sept. 19, 1894

EGLINTON, WILLIAM MCNICOL, Chief Constructing Engineer of Power Plant, Guanica Centrale, Guanica, Porto Rica. Feb. 27, 1903

EHRENREICH, JAMES JACOB, Contracting Electrical Engineer, 503 Fifth Ave., New York City. June 19, 1903

EHRET, CORNELIUS DALZELL, 1011 Chestnut St., Philadelphia, Pa. Jan. 24, 1902

EHRHART, RAYMOND NELSON, The Westinghouse Machine Co.; res., 7712 Edgerton Ave., Pittsburg, Pa. Mar. 27, 1903

EISENBEIS, WALTER HERMAN, Engineering Apprentice, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

EKSTRAND, CHARLES, Superintending Engineer, Brooklyn Cooperage Co., North 6th St. and Kent Ave., Brooklyn, N. Y. Apr. 25, 1902

EKSTROM, AXEL, Consulting Electrical Engineer, Delaware Hudson Ry. Co., Albany, N. Y. June 17, 1890

ELDEN, LEONARD LORD, Chief Electrican, Edison Electric Illuminating Co., of Boston, 3 Head Pl.; res., Dorchester, Mass. Apr. 23, 1903

ELEY, JOSIAH NORFLEET, Electrical Engineer, Georgia Railway and Electric Co., 198 S. Prior St., Atlanta, Ga. Feb. 28, 1902

ELIAS, ALBERT B., 1310 Washburn St., Scranton, Pa. Jan. 26, 1898

ELLARD, JOHN W., J. L. Blackwell & Co., 229 East German St., Baltimore, Md. June 23, 1897

ELLINGER, EDGAR, Electrical Engineer, George A. Fuller Co., 137 Broadway; res., 164 E. 79th St., New York City. Apr. 25, 1902

ELLIOTT, ELMER G., General Electric Co., 44 Broad St., New York City. May 21, 1902

ELLIS, JOHN, Manager, The Lonsdale Co.'s Electric Light Plant, Lonsdale, R. I. Apr. 26, 1899

ELLIS, R. LAURIE, General Superintendent, Gas and Electric Departments, Natchez Gas Light Co., Natchez, Miss. Apr. 26, 1896

ELLIS, WESLEY ROSE, Student, Elec. Eng'g, Cornell Univ.; 302 Eddy St., Ithaca, N. Y.; res., Johnstown, Pa. Jan. 23, 1903

ELMER, WILLIAM, JR., Assistant Master Mechanic, Altoona Machine Shop, Altoona, Pa. Mar. 18, 1890

ELSHOFF, BERNARD, General Foreman, Bullock Electric Mfg. Co., East Norwood; res., 1522 Breman St., Cincinnati, Ohio. Feb. 27, 1903

ELY, WM. GROSVENOR, JR., Asst. Supt. Construction, General Electric Co.; res., Avon Road, Schenectady, N. Y. Mar. 21, 1893

EMERICK, LOUIS W., Vice-President and General Manager, Fulton Light, Heat and Power Co., Fulton, N. Y. Aug. 13, 1897

ENGELHORN, FRANK JOSEPH, Superintendent Nezperce Light & Power Co., Nezperce, Idaho. May 19, 1903

ENTZ, JUSTUS BULKLEY, Electrical Engineer, Electric Storage Battery Co., 19th St. and Allegheny Ave., Philadelphia, Pa. Jan. 7, 1890

ERBEN, H. F. T., Designing Engineer, General Electric Co., Schenectady, N. Y. Aug. 22, 1902

ERICKSON, F. WM., Electrical Engineer, The Erickson Electric Equipment Co., 280 Devonshire St., Boston, Mass. Sept. 19, 1894

ERWIN, FRANK BENNETT, Electrical Engineer, Westinghouse E. & M. Co., University Building, Syracuse, N. Y. Jan. 3, 1902

ESLING, ALBERT, Sales Manager, R. E. T. Pringle Co., 18, Toronto St., Toronto, Ont. Nov. 20, 1903

ESTERLINE, J. WALTER, Instructor Electrical Engineering, Purdue University; res., 401 State St., Lafayette, Ind. Mar. 28, 1900

ESTES, ORANGE A., The Chesapeake and Potomac Telephone Co., 619 14th St., N. W., Washington, D. C. Jan. 3, 1902

ETHERIDGE, HARRY, Asst. Supt. Allegheny Co. Light Co.; res., 1906 Jenny Lind St., McKeesport, Pa. Jan. 23, 1903

ETHERIDGE, LOCKE, *M.E.*, Electrical Engineer, Pullman Car Works, Pullman; res., 44 E. 50th St., Chicago, Ill. Oct. 17, 1894

EVANS, CLEMENT W., Electrical Engineer, Fogarty & Dickenson, 1a San Francisco, Mexico City, Mexico. Feb. 28, 1900

EVANS, PAUL H., Chief Engineer, Mexican General Electric Co., Mexico City, Mexico. Jan. 24, 1900

EVELAND, PORTER, 773 State St., Schenectady, N. Y. June 19, 1903

EVERIT, EDWARD HOTCHKISS, Engineer, The So. N. E. Telephone Co., 641 Whitney Ave., New Haven, Conn. Jan. 3, 1902

EWING, GEORGE CLINTON, Electrical Railway Supplies, 131 State St., Boston, Mass. Mar. 27, 1903

EYRE, MANNING K., Buckeye Electric Co., Cleveland, Ohio. Oct. 17, 1894

FAHNESTOCK, ERNEST BENJAMIN, Vice-President and G. M., Fahnestock Transmitter Co., 74 Cortlandt St., New York City. Apr. 23, 1903

FAIRBANKS, ROBERT PAYNE, Power Station Superintendent, The Logan Power Co., Logan, Utah. Apr. 23, 1903

FAIRBURN, WILLIAM ARMSTRONG, Naval Arch. & Engr., Eastern Shipbuilding Co., Quincy, Mass. Jan. 23, 1903

FAIRCHILD, WALTER LOWE, Bullock Electric Mfg. Co., 220 Broadway, New York City. Oct. 24, 1902

FAMBROUGH, WILLIAM MCINTOSH, Designing & Erecting Engineer, Moore & McCrary, Atlanta, Ga. July 28, 1903

FANSLER, PERCIVAL ELLIOT, *B.S.*, Chief Clerk, Department of Electricity, Universal Exposition, St. Louis, Mo. Mar. 28, 1902

FARMER, FRANK MALCOLM, Lamp Testing Bureau, 80th St. & East End Ave., New York ; res., 568 Pacific St., Brooklyn. Nov. 21, 1902

FARNSWORTH, ARTHUR J., Asst. Chief Engineer, Consol. Rwy, Electric Ltg. & Equip. Co., 83 W. Jackson Boul., Chicago, Ill. Jan. 16, 1895

FARRAND, DUDLEY, General Manager, United Electric Company of New Jersey, 207 Market St., Newark, N. J. July 26, 1900

FARWELL, HAROLD GILBERT, Testing Department, General Electric Co.; res., 77 Grove St., Lynn, Mass. Apr. 23, 1903

FAWCETT, WALLACE H., General Electric Co.; res., 8 Union St., Schenectady, N. Y. Aug. 22, 1902

FAY, THOMAS J., 461 55th St., Brooklyn, N. Y. June 26, 1891

FELDMAN, CLARENCE, Lecturer, The Polytechnical High School; res., Stifts St., 9, Darmstadt, Ger. May 19, 1903

FELLOWS, HENRY WALLACE, Consulting and Construction Engineer, Citizen's Electric Co., Lewistown, Mont. May 19, 1903

FERGUS, WILLIAM LOVEDAY, Partner, Chas. G. Armstrong & Co., 1510 Fisher Building, Chicago, Ill. May 19, 1903

FERGUSON, LOUIS ALOYSIUS, General Superintendent, Chicago Edison Co., 139 Adams St., Chicago, Ill.; res., Evanston, Ill. Oct. 25, 1901

FERGUSON, SAMUEL, Engineer, General Electric Co., Schenectady, N. Y. Jan. 3, 1902

FERNALD, CHARLES ARTHUR, Electrician, General Electric Co.; res., 24 Brimblecom St., Lynn, Mass. Apr. 23, 1903

FERNANDEZ, WILLIAM, TALANERA Foreman, Electrical Operating Dept., N. Y. Edison Co., 38th St. & 1st Ave., New York. May 19, 1903

DE FERRANTI, SEBASTIEN ZIANA, Managing Director, de Ferranti, Ltd.; res., 31 Lyndhurst Rd., Hampstead, London, Eng. May 19, 1903

FERRIS, ROBERT MURRAY, JR., Engineering Dept., The N. Y. & N. J Telephone Co., 81 Willoughby St., Brooklyn, N. Y. Feb. 28, 1902

FETHERLING, HERSCHEL GEORGE, Salesman and Engineer, Northern Electric Mfg. Co., 126 E. Dayton St., Madison, Wis. Dec. 18, 1903

FIELD, ALLAN BERTRAM, General Electric Co., Schenectady, N. Y. May 19, 1903

FIELD, ARTHUR W., Secretary and Manager, 101 Hoffman Ave., Columbus Ohio. Aug. 22, 1902

FIELD, MICHAEL BIRT, Contract Engineer, Ferranti Ltd., 20 Cockspur St., London, S. W., Eng. Nov. 20, 1903

FIELDING, FRANK E., Chemist and Assayer, Virginia City, Nev. [Life Member.] Sept. 6, 1887

FIELDING, PHILIP HARRISON, Chief Electrician, B. Altman & Co.; res., 59 W. 124th St., New York City. July 28, 1903

FINCH, HERBERT ISAAC, Assist. Supt. The Emerson Electric Mfg. Co., St. Louis, Mo. Apr. 23, 1903

FINNEY, JOHN H., Manager, Southern office, The Pittsburg Reduction Co., Bond Building, Washington, D. C. Sept. 26, 1902

FINZI, GEORGE, General Manager, Brioschi, Finzi & Co., 24 Piazza Castello, Milano, Italy. Mar. 27, 1903

FIRTH, WM. EDGAR, Chief Engineer, The Midvale Steel Co., Nicetown, Phila.; res., 7203 Boyer St., Germantown, Pa. Mar. 25, 1896

FISH, FRED ALAN, Assistant Prof. of Electrical Engineering, Ohio State University; res., 241 W. 4th Ave., Columbus, O. Mar. 28, 1900

FISH, FREDERICK PERRY, President, American Telephone & Telegraph Co., 125 Milk St., Boston; res., Brookline, Mass. Mar. 28, 1902

FISHER, GEORGE EDWARD, Engineer, General Electric Co., 84 State St., Boston; res., Natick, Mass. Apr. 23, 1903

FISHER, HOWARD SHREVE, Correspondent, Westinghouse Electric and Mfg. Co., Pittsburg; res., Swissvale, Pa. Dec. 19, 1902

FISKE, WARREN HERBERT, Consulting Engineer, The Toronto Ry. Co., Street Railway Chambers, Toronto, Ont. July 28, 1903

FISKEN, JOHN BARCLAY, Superintendent Light and Power System, The Washington Water Power Co., Spokane, Wash. Apr. 23, 1903

FITTS, CLARENCE DUDLEY, Electrician, Oakville Co., Oakville, Conn. Nov. 20,1903

FITZ, ERVIN MOUL, Electrical Engineer, M. P. Dept., Pennsylvania Lines West of Pittsburg, Columbus, Ohio. Sept. 25, 1903

FITZGERALD, THOMAS, JR., General Superintendent, Lexington Railway Co., Lexington, Ky. Jan. 3, 1902

FITZHUGH, WM. H., Supt. Bay City Electric Plant, 2230 Center Ave., Bay City, Mich. Apr. 27, 1898

FLATHER, JOHN J., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. Apr. 19, 1892

FLEMING, JOHN BRECKENRIDGE, *M.M.*, Mechanical Engineer, Detroit Copper Mining Co., Morenci, Ariz. Apr. 27, 1898

FLEMING, JOHN F., Electrical Contractor, Brookline, Mass. July 12, 1900

FLEMING, RICHARD, Designing Engineer, General Elec. Co., Lynn; res., Swampscott, Mass. Jan. 24, 1902

FLETCHER, GEORGE WESLEY, Engineer, 38 Grove St., Brooklyn, N. Y. July 25, 1902

FLICHTNER, STANWOOD EDWARDS, Engineer, The Cooper-Hewitt Electric Co., 220 West 29th St., New York City. Mar. 27, 1903

FLICKINGER, JOHN TRESSLER, Head of No. 16 Test, General Electric Co., Schenectady, N. Y. Sept. 25, 1903

FLIESS, ROBERT ANTON, 55 Church St., Montclair, N. J. Mar. 23, 1898

FLINT, JAMES J., President, The Flint-Lomax Electric and Mfg. Co., 1400 Delgany St.; res., Berkeley, Denver, Colo. Mar. 27, 1903

FLOY, HENRY, Consulting Electrical and Mechanical Engineer, 220 Broadway, New York City; res., East Orange, N. J. May 17, 1892

FOG, CARL F., Electrician, General Electric Co.; res., 69 Warren St., Lynn, Mass. Mar. 28, 1900

FOOTE, FERDINAND JOHN, Erecting Engineer, Bullock Elec. Mfg. Co.; res., 4615 Montgomery Ave., Norwood, Ohio. Oct. 23, 1903

FOOTE, THOS. H., Electrical Engineer, 88 South Los Robles Ave., Pasadena, Cal. Apr. 21, 1891

FORBES, FRANCIS, Lawyer, 32 Nassau St., New York City. Sept. 16, 1890

FORD, ARTHUR HILLYER, *E.E.*, Professor of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. Mar. 24, 1897

FORD, FRANK R., *M.E.*, Consulting Engineer, Ford, Bacon & Davis, 24 Broad St., New York City. Mar. 25, 1896

FORD, WM. S., Assistant to Chief Engineer, The American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. June 7, 1892

FORSYTH, JOSEPH C., Chief Inspector, Electrical Dept., The N. Y. Board of Fire Underwriters, 32 Nassau St., New York City. Apr. 23, 1903

FORTESCUE, CHARLES LE GEYT, Electrical Designer, Westinghouse E. & M Co., Pittsburg; res., Wilkinsburg, Pa. Jan. 23, 1903

FOSTER, FREDERICK HENRY, Draftsman, The Hamilton Electric Light and Cataract Power Co., Hamilton, Ont. June 19, 1903

FOSTER, GEORGE BEERS, District Manager, Bullock Electric Mfg. Co., 1625 Marquette Building, Chicago, Ill. Feb. 27, 1903

FOWLE, FRANK FULLER, Special Agent, Railway Department, American Telephone and Tel. Co., 15 Dey St., New York City. Dec. 19, 1902

FOWLER, GEO. W., Electrical Expert, The C. & C. Electric Co., Garwood, N. J. Oct. 24, 1900

FOWLER, MYRON MARSHALL, Electrical Engineer, Western Electric Co., 259 South Clinton St., Chicago, Ill. Apr. 23, 1903

FOX, WILLIAM A., Secretary, Chicago Edison Co., 139 Adams St., Chicago, Ill. May 19, 1903

FRANCISCO, M. J., President and General Manager, Rutland Electric Light Co., Rutland, Vt. June 17, 1890

FRANK, AUGUSTUS ALPHONSUS, Electrician, New York and New Jersey Telephone Co., New York City. Jan. 23, 1903

FRANK, GEO. WILLIAM, Engineer in charge Yadkin River Hydraulic Development, New London, N. C. Sept. 28, 1898

FRANKENFELD, BUDD, Eng'g Dept., Nernst Lamp Co., Pittsburg, Pa. Feb. 17, 1897

FRANTZEN, ARTHUR, Electrical Engineer and Contractor, 225 Dearborn St.; res., 662 N. Irving Ave., Chicago, Ill. Feb. 21, 1894

FRASER, JAMES WM., 745 Wallace Ave., Wilkinsburg, Pa. May 21, 1901

FREEMAN, CLARENCE E., Professor of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. Mar. 27, 1903

FRENCH, THOMAS, JR., *Ph.D.*, Department of Physics, Amherst College, Amherst, Mass. Sept. 20, 1893

FREUDENBERGER, WILLIAM KAISER, 413 Price Ave., Columbia, Mo. Nov. 22, 1901

FREUND, HENRY PAUL, 796 Lexington Ave., New York City. Sept. 26, 1902

FRIEDLANDER, EUGENE, Electrician, Carnegie Steel Company, Duquesne, Pa. Nov. 20, 1895

FRITCHLE, OLIVER PARKER, Chief Chemist and Assayer, The Boston and Colorado Smelting Co., Argo; res. Denver, Colo. Mar. 27, 1903

FROMHOLZ, ANTON JOHN, Electrician in charge, U. S. Navy Yard; res., 1177 Greene Ave., Brooklyn, N. Y. May 20, 1902

FROST, HOMER ELI, Superintendent Public Works, Rocky Mount, N. C. Jan. 23, 1903

FRY, DONALD HUME, Consulting Engineer, 601 Hayward Building, San Francisco, Cal. Nov. 23, 1898

FUCHS, GEORGE ADAM, Electrical Engineer, Electric Equipment Co., Erie, Pa. Oct. 23, 1903

FUCHS, HUGO, Draftsman, Chicago Edison Co., 139 Adams St.; res., 317 Bissell St., Chicago, Ill. Oct. 23, 1903

FULLER, ARTHUR JOHN, Borough Electrical Engineer, Corporation Electric Works, Townmead Rd., Fulham, S.W., England. Feb. 27, 1903

FULLER, EDWIN ERNEST, Representative Engineer for Scotland for The British Thomson-Houston Co., Ayr. N.B., Eng. Feb. 28, 1902

FULLER, HARRY WILLIAMS, General Manager, Washington Ry. & Electric Co., 14th and E. Capitol Sts., Washington, D. C. June 19, 1903

FULLER, HENRY JAMES, Assistant Manager and Engineer, John Fuller & Co., res.; 13 Park View, Beeston Hill, Leeds, Eng. Apr. 23, 1903

FULLER, LUCIUS B., Assistant to P. N. Nunn, The Niagara Construction Co., Ltd., Niagara Falls, Ont. Sept. 25, 1903

FULLER, WALLACE WATT, Electrical Engineer, Consolidated Railway Gas and Electric Co., Charleston, S. C. Mar. 27, 1903

FURGUESON, CORNELIUS, JR., Student, Polytechnic Institute, Brooklyn; res., 22d and Bath Aves., Bensonhurst, N. Y. Mar. 27, 1903

GAEHR, PAUL FREDERICK, Asst. in Physics, Cornell Univ., Ithaca, N. Y. Jan. 23, 1903

GAGE, ELBERT ELLSWORTH, Superintendent, St. Johnsbury Electric Co., St. Johnsbury, Vt. Apr. 23, 1903

GALLAHER, WILLIAM, Superintendent Electrical Dept., Laclede Gas Light Co., 716 Locust St., St. Louis, Mo. Dec. 18, 1903

GALLATIN, ALBERT R., Student at Columbia University; res., 58 W. 55th St., New York City. Mar. 23, 1898

GARRELS, W. L., Consulting Engineer, 1707 South 3d St.; res., 4531 West Pine Boulevard, St. Louis, Mo. Mar. 20, 1895

GARTLEY, ALONZO, General Manager, Hawaiian Electric Co., Honolulu, H. I. July 12, 1900

GASSMANN, HOWARD MAIN, Assistant Engineer, Crocker-Wheeler Co., Ampere; res., Newark, N. J. July 28, 1903

GASTON, RALPH MAYO, Draftsman, Sargent & Lundy, 46 E. Van Buren St.; res., 7152 Harvard Ave., Chicago, Ill. July 28, 1903

GATES, ARTHUR OLIVER, Draftsman, Old Dominion Copper Mining and Smelting Co., Globe, Arizona. Mar. 27, 1903

GAYLORD, TRUMAN PENFIELD, Manager, Chicago Office, Westinghouse E. & Mfg. Co., 171 La Salle St., Chicago, Ill. Feb. 28, 1902

GAYTES, HERBERT, Electrical Engineer, Oakland, Cal. Mar. 23, 1898

GEAR, HARRY BARNES, General Inspector, Chicago Edison Co., 139 Adams St., Chicago, Ill. Oct. 25, 1901

GEARY, JOHN RICHARD, Representative for Japan, General Elecrict Co.; res., Yokohama United Club, Yokohama, Japan. Mar. 27, 1903

GEORGE, JAMES ZACHARIAH, Consulting Engineer, 602 Tulane-Newcomb Building, New Orleans, La. Sept. 27, 1901

GERDES, THEODORE RICHARD NICKOLAS, Rodman, Rapid Transit Construction Co.; res., 5 Van Nest Pl., New York City. Feb. 27, 1903

GERRY, EDWARD M., Engineer, Bullock Electric Mfg. Co., Cincinnati, Ohio. Mar. 27, 1903

GHERARDI, BANCROFT, Chief Engineer, New York and New Jersey Telephone Co., 81 Willoughby St., Brooklyn, N. Y. June 27, 1895

GIBBES, THOMAS, MIDDLETON Assistant to Contract Agent, Georgia Railways and Electric Co., Atlanta, Ga. Sept. 25, 1903

GIBBONEY, WILLIAM KENT, Assistant Superintendent, The Niagara Falls Power Co., 118 Buffalo Ave., Niagara Falls, N. Y. Sept. 27, 1901

GIBBS, GEORDE SABIN, Capt. Signal Corps, U. S. A., Fort Myer, Va. Sept. 25, 1903

GIBBS, HARRY PARKER, Constructing Engineer, General Electric Co., Champion Reef, Kolan Gold Field, South India. Sept. 26, 1902

GIBBS, HARRY THURSTON, Dynamo Tester, Westinghouse Electric and Mfg. Co., Pittsburg; res., Wilkinsburg, Pa. June 19, 1903

GIBSON, GEO. H., Manager, Advertising Department, International Steam Pump Co., 114 Liberty St., New York City. Nov. 22, 1899

GIBSON, JOHN JAMESON, Sales Westinghouse E. & Mfg. Co., 171 La Salle St., Chicago, Ill. Feb. 28, 1902

GILBERT, E. E., General Electric Co., Schenectady, N. Y. Apr. 23, 1903

GILBERT, HOWARD LUDLOW, 2236 Madison Ave., Baltimore, Md. May 19, 1903

GILBERT, SWOOPE DARROW, Commercial Engineer, General Electric Co., Cincinnati, Ohio. June 19, 1903

GILCHRIST, JOHN FOSTER, Head Contracting Dept., The Chicago Edison Co., 139 Adams St., Chicago, Ill. Jan. 23, 1903

GILCREST, CHARLES F., Testing Department, General Electric Co.; res., 618 Chapel St., Schenectady, N. Y. Sept. 25, 1903

GILL, FRANK, Engineer in Chief, The National Telephone Co., Ltd., Telephone House, Victoria Embankment, London, E. C. May 19, 1903

GILLE, HENRY JOHN, General Superintendent, St. Paul Gas Light Co., St. Paul, Minn. Jan. 25, 1901

GILLETT, HARRY, Branch Manager, H. W. Johns-Manville Co., 14 So. Water St.; res., 408 Dunham Ave., Cleveland, Ohio. Apr. 23, 1903

GILLETTE, JAMES WALTER, General Manager and Resident Engineer, Phœnix Gas and Electric Co., Phœnixville, Pa. Feb. 27, 1903

GILLIAM, HOGE, Erecting Engineer, W. E. & Mfg. Co., Land Title Building, Philadelphia; res., Ardmore, Pa. Jan. 23, 1903

GILMAN, FRANCIS LYMAN, Telephone Engineer, Western Electric Co., 463 West St., New York City; res., Montclair, N. J. June 28, 1901

GILMORE, ALBERT DICKISON, Assistant in Testing Laboratory, Chicago Edison Co., 139 Adams St., Chicago, Ill. Mar. 27, 1903

GINN, EVANDER H., Railway Engineering Department, General Electric Co., Empire Bldg., Atlanta, Ga. Mar. 27, 1903

GLASGOW, CARR LANE, Engineer, Westinghouse, Church, Kerr & Co., 8 Bridge St.; res., 164 W. 50th St., New York City. Mar. 27, 1903

GLASS, LOUIS, Assistant General Manager, Pacific Telegraph and Telephone Co., Telephone Bldg., San Francisco, Cal. Oct. 24, 1900

GLASSCO, JOHN GIRDLESTONE, Demonstrator, Eng. Building, McGill University, Montreal, Que. May 19, 1903

GLENCK, IMMO ADOLPH HEINRICH, Chief Engineer, Russiche Elektricitats Ges. "Union," Riga, Russia. Jan. 23, 1903

GODDARD, HERBERT WILLARD, Westinghouse, Church, Kerr & Co., 10 Bridge St.; res., Technology Club, 36 E. 28th St., New York City. Nov. 20, 1903.

GODDARD, STEPHEN HAILE, Secretary and Manager, *Electrical Review*, 13 Park Row; res., 223 Fifth Ave., New York City. Sept. 25, 1903

GODINEZ, FRANCISCO L., Student in Electrical Engineering, Polytechnic Institute; res., 1212 Beverly Road, Brooklyn, N. Y. July 25, 1902

GOLDMARK, CHAS. J., Consulting Electrical Engineer, 66 New St., New York City. June 5, 1888

GOLDSCHMIDT, EDWARD W., District Manager, Bullock Electric Mfg. Co., 220 Broadway, New York City. July 28, 1903

GONZENBACH, ERNEST, Electrical Engineer, 302 West Rayen Ave., Youngstown, Ohio. Jan. 23, 1903

GOODELL, JOHN M., *Engineering Record*, 114 Liberty St., New York City. Feb. 27, 1903

GOODY, CORAL PAYNE, Assistant Engineer, The Telluride Power Co., Provo, Utah. Oct. 24, 1902

GORDON, GEORGE BYRON, Expert, Maintenance Dept., New York Telephone Co., 18th St. & Irving Pl., New York City. May 19, 1903

GORDON, REGINALD, Newburg, N. Y. Feb. 24, 1891

GORRISSEN, CH., Siemens Bros. & Co., Ltd., York Mansions, York St. Westminster, London, S. W. Eng. Mar. 25, 1896

GORTON, CHARLES, Civil Engineer, Belmont, N. Y. Nov. 12, 1889

GOSLIN, ERNEST THOMAS, Chief Electrical Engineer, Corporation Tramways, 88 Renfield St., Glasgow, Scotland. May 19, 1903

GOUGH, HARRY EUGENE, Assistant in Office Mechanical Engineers, Penn. R. R. Co., res., 1526 9th St., Altoona, Pa. Jan. 9, 1901

GOULD, EDWARD FREDERICK, Electrical Engineer, Aurora, Elgin & Chicago Railway Co., Wheaton, Ill. Sept. 25, 1903

GRACE, SERGIUS P., Chief Engineer, Central District and Printing Telegraph Co., Pittsburg, Pa. Mar. 27, 1903

GRADOLPH, WILLIAM FREDERICK, JR., Engineering Dep., Am. Elec. Telephone Co., 36 West Jackson Boulevard, Chicago, Ill. Jan. 23, 1903

GRAHAM, WILLIAM P., Professor of Electrical Engineering, Syracuse University, 504 University Pl., Syracuse, N. Y. Jan. 24, 1902

GRALING, VERNEY, Electrician, Niagara Falls Power Co.; res., 530 11th St., Niagara Falls, N. Y. Aug. 22, 1902

GRANBERY, JULIAN H., 561 Walnut St., Elizabeth, N. J. Aug. 5, 1896

GRANT, LOUIS T., Managing Engineer, The Michael Gaspar, Grant Co., Ltd., 84 Calle Carriedo, Manila, P. I. Nov. 22, 1899

GRANT, OLIVER REMICK, Student, Columbia University; res., 2236 Southern Boulevard, New York City. Mar. 28, 1902

GRAVES, CARLETON AUGUSTUS, Electrical Engineer, Peckham Mfg. Co., Kingston, N. Y. Mar. 27, 1903

GRAVES, CHAS. B., Marblehead, Mass. Sept. 15, 1897

GRAY, AINSLIE ALEXANDER, Assistant Editor, *Electrical Review*, 13 Park Row; res. 38 Cooper St., Brooklyn, N. Y. Aug. 22, 1902

GRAY, CHARLES FREDERICK, First Switchboardman, The Manhattan Railway Co., 74th St. and East River, New York City. Dec. 19, 1902

GRAY, CLYDE D., Assistant in Electrical Department, J. G. White & Co., 43 Exchange Pl., New York City. Apr. 25, 1902

GRAY, EDWARD WYLLYS TAYLOR, Manager, N. Y. Sales Office, Westinghouse Elec. & Mfg. Co., 11 Pine St., New York City Jan. 3, 1902

GRAY, GUTHRIE, Electrical Engineer, National Battery Co., Buffalo, N. Y. Oct. 24, 1903

GRAY, LATIMER D., Electrical Engineer, Union Pacific Coal Co., Rock Springs, Wyo. Feb. 27 1903

GRAY, ROY WILLIAM, Foreman, Division Construction, Sunset T. & T. Co., 701½ South Broadway, Los Angeles, Cal. Nov. 20, 1903

GRAY, VANCE I., Engineer and Salesman, The F. Bissell Co., Toledo, Ohio. Feb. 27, 1903

GREEN, CHARLES MAXWELL, Engineer on Brush Arc Dynamos, General Electric Co ; res., 24 Chase St., Lynn, Mass. Feb. 28, 1902

GREEN, FRED. J., Electrical and Mechanical Engineer, Springfield Troy & Piqua Railway Co., Bushnell Bldg., Springfield, O. Apr. 23, 1903

GREEN, GEORGE ROSS, Engineer Meter Dept., The Philadelphia Electric Co., N.E. cor. 10th and Sansom Sts., Philadelphia, Pa. Apr. 23,1903

GREENIDGE, CHARLES AUSTIN, Superintendent of Electric Dept., Utica Gas and Electric Co., 86 Lafayette St., Utica, N. Y. June 19, 1903

GREENLEAF, LEWIS STONE, General Superintendent, Hudson River Telephone Co., Albany, N. Y. Aug. 5, 1896

GREGORY, JOHN PUGH, Engineer, Power and Lighting Department, The British Thomson-Houston Co., Ltd., Rugby, Eng. Sept. 25, 1903

GRIFFEN, JOHN D., Inventor, Electric Conduit and Electric Signaling Apparatus, 82 Wall St., New York City. Aug. 13, 1897

GRIFFES, EUGENE V., Manager, United Electric Co., Long Beach, Cal. Feb. 26, 1896

GRIFFIN, EUGENE, First Vice-President, General Electric Co., 44 Broad St., New York City. Feb. 7, 1890

GRIFFITH, PERCY LE ROY, Electrical Engineer, 211 State St., Schenectady, N. Y. Dec. 19, 1902

GRISSINGER, ELWOOD, Engineer, The Cataract Power & Conduit Co., 40 Court St., Buffalo, N. Y. Mar. 28, 1902

GROH, BERNARD CHARLES, Supt. of Equipment, Inter-State Telephone Co., of New Jersey, Trenton, N. J. Nov. 20, 1903

GROWER, GEORGE G., Electrician and Chemist, Ansonia Brass and Copper Co., Ansonia, Conn. Mar. 18, 1890

GUERRERO, JULIO, Associated with the Durango Electric Light Co., Reresas, 97 Durango, Mex. Apr. 25, 1900

GUINLE, EDWARD, Electrical Engineer, General Electric Co., 44 Broad St.; res., 275 Central Park West, New York City. Mar. 27, 1903

GUMP, WALTER BINKERD, Electrical Engineer, 23 Marvin Ave., Shelby, Ohio. Nov. 20, 1903

GURNEY, HOWARD F., General Superintendent of Construction, Otis Elevator Co., 71 Broadway, New York City. Mar. 27, 1903

GUTBROD, FRIEDRICH WILHELM, Electrical Engineer, Reichsgerichts-Gebaeude, 4 Beethoven St., Leipzig, Germany. Feb. 27, 1903

GUTIERIEZ, MANUEL R., Professor of Physics, Normal School, Jalapa, V. C., Mexico. Apr. 25, 1900

GUY, GEORGE HELI, Secretary, The New York Electrical Society, 114 Liberty St., New York City. May 16, 1893

HAIGHT, LOUIS HENRY, Student Columbia University; res., 152 Sixth Ave., Brooklyn, N. Y. May 19, 1903

HAIGHT, MONROE GLEASON, Hartford Electric Light Co., 21 Broad St., Hartford, Conn. July 25, 1902

HAIGLER, WILLIAM HOPE, Student in Testing Department, General Electric Co., Lynn; res., 23 Pine St., Waltham, Mass. June 19, 1903

HAKONSON, CARL HAROLD, Electrical Engineer, Sodertelge, Sweden. Sept. 25, 1895

HALL, CLARENCE MORTIMER, Teacher of Physics and Electricity, Manual Training School No. 1, Washington, D. C. Mar. 28, 1902

HALL, DAVID, Assistant Engineer, Bullock Electric Mfg. Co., Cincinnati, Ohio. Mar. 27, 1903

HALL, EDWARD J., Vice-President and G. M., American Telephone and Telegraph Co., 15 Dey St., New York City. Apr. 18, 1893

HALL, FRANK WELLS, Office Engineer, The Sprague Electric Co., 222 Renshaw Ave., Orange, N. J. Oct. 24, 1902

HALL, FRED'K A., Engineer, The Johnson-Lundell Electric Traction Co. Ltd., 16 Soho Square, London, W. Eng. Aug. 23, 1899

HALL, FREDERICK JAMES, Assist. to General Manager, The India Rubber and Gutta Percha Insulating Co., Yonkers, N. Y. May 19, 1903

HALL, HARRIOTT CURTIS, Inspector, New York Edison Co., 55 Duane St., New York City; res., Glen Cove, L. I. June 28, 1901

HALL, HARRY YOUNG, JR., First Switchboardman, Manhattan Railway Co.; res., 14 W. 103d St., New York City. Mar. 27, 1903

HALL, JOSEPH BATES, Chief Engineer, McGuire Mfg. Co., 122 North Sangamon St.; res., 621 W. 65th Pl., Chicago, Ill. June 19, 1903

HALL, NEWTON LEE, Draftsman, The Colorado Telephone Co., 1447 Lawrence St.; res., 1762 Logan Ave., Denver, Colo. Mar. 27, 1903

HALL, WILLIAM ALBERT, President, The Hall Electrical Supply Co., 213 W. 4th St., Cincinnati; res., Madisonville, Ohio. Apr. 23, 1903

HALL, WILLIAM H., Head of Department of Science, Baltimore Polytechnic Institute, Baltimore, Md. Sept. 25, 1903

HALLBERG, J. HENRY, General Superintendent, Electrical Department, Cincinnati Gas and Electric Co., Cincinnati, Ohio. Aug. 23, 1899

HALLER, WINFIELD A., Engineer, Sanderson & Porter, 52 William St.; res., 509 W. 124th St., New York City. Sep. 25, 1903

HALLOCK, WILLIAM, Professor of Physics, Columbia University; res., 417 W. 118th St., New York City. Dec. 19, 1902

HALSEY, HENRY, General Manager, Halsey Electric Generator Co.; res., 49 W. 44th St., New York City. July 28, 1903

HALSTEAD, DAVID, Electrical Engineer; res., Manheim St. and Wissahickon Ave , Philadelphia, Pa. Apr. 23, 1903

HAMBURGER, MAX, *Ph.D.*, Electrical Engineer, Union Electricitats-Gessellschaft; res., 8 Pariser St., Berlin, Ger. July 28, 1903

HAMERSCHLAG, ARTHUR A., Consulting Engineer, 41 Liberty St.; res., 330 Manhattan Ave., New York City. Mar. 25, 1896

HAMILTON, GEORGE WELLINGTON, 123 East St., Pittsfield, Mass. Jan. 23, 1903

HAMILTON, JAMES, Patent Law Specialist, Room 129 Washington Loan and Trust Building, Washington, D. C. Nov. 23, 1898

HAMILTON, JAMES HENRY, Electrical Signaling Engineer, The Cape Government Railways, Cape Town, S. A. Oct. 24, 1902

HAMILTON, RALPH BERGEN, Manager, The Packard Electric Co., Ltd., St. Catharines, Ont. Nov. 22, 1901

HAMLIN, PHILIP, Special Inspector The Colorado Telephone Co.; res., 120 East Fourth Ave., Denver, Colo. May 19, 1903

HAMMATT, CLARENCE S., Vice-President Florida Electric Co., Jacksonville, Fla. Sept. 20, 1893

HAMMOND, LYMAN PIERCE, Connecticut State Representative, Crocker-Wheeler Co., 42 Church St., New Haven, Conn. Mar. 27, 1903

HAMPSON, RICHARD BENJAMIN, Salesman, General Electric Co.; res., 86 Moulton St., Lynn, Mass. Apr. 23, 1903

HANCHETT, FRANK E., Electrical Engineer, Jamestown, N. Y. Jan. 23, 1903

HANCOCK. L. M., General Superintendent Bay Counties Power Co., 324 Pine St., San Francisco, Cal. May 19, 1891

HANCOX, SAMUEL HERBERT. Electrician, Queensland Government Railways, North Ipswich, Queensland, Aus. Sept. 25, 1903

HAND, WILLIAM, Engineer, General Electric Co., 816 Wainwright Building; res., 727 Walton Ave., St. Louis, Mo. Apr. 23, 1903

HANKS, MARSHALL WILFRED, Engineer, Nernst Lamp Co.; res., Amber Club, Pittsburg, Pa. Jan. 3, 1902

HANNA, MAX ROSS, Assistant Foreman in Testing Department, General Electric Co., Schenectady, N. Y. Apr. 23, 1903

HANSCOM, PERRY THEODORE, Engineer, General Electric Co., Schenectady, N. Y. Mar. 27, 1903

HANSCOM, WM. W., Chief Electrical Engineer, Union Iron Works, 848 Clayton St., San Fancisco, Cal. Apr. 25, 1900

HANSON, ARTHUR JAMES, Lawrence & Hanson, 3 Wynyard St.; res., Drummoyne, Sydney, N. S. W. Nov. 22, 1899

HARDER, EDWIN PARTRIDGE, The Cataract Power and Conduit Co.; res., 218 Virginia St., Buffalo, N. Y. Apr. 23, 1903

HARDING, BURCHAM, Assisting Second Vice-President, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

HARDING, H. McL., 20 Broad St., New York City. May 24, 1887

HARDY, CARL ERNEST, Master Electrician, U. S. Navy Yard, Norfolk, Va.; res., 206 London St., Portsmouth, Va. Dec. 27, 1899

HARISBERGER, JOHN, Seattle Cataract Co., Seattle, Wash. May 20, 1902

HARPER, HERBERT REAH, City Electrical Engineer, Melbourne City Council, Town Hall, Melbourne, Victoria. June 19, 1903

HARRIES, GEORGE HERBERT, Vice-President, The Washington Railway and Electric Co., Washington, D. C. June 19, 1903

HARRIS, CHARLES ORRIN, Engineer, Stramburg-Carlson Tel. Mfg. Co.; res., 70 W. Jackson Blvd., Chicago, Ill. Sept. 25, 1903

HARRIS, GEORGE H., Superintendent of Equipment, Birmingham Railway Light and Power Co., Birmingham, Ala. June 20, 1894

HARRIS, GRENVILLE A., Electrical and Mechanical Engineer, Takata & Co., 10 Wall St., New York City. Oct. 25, 1901

HARRIS, SAMUEL CLARK, In charge of Storage Batteries, New York Edison Co., 47 W. 26th St., New York City. May 19, 1903

HARRISON, BURT SYLVANUS, Consulting Engineer, 81 Wall St.; res., 442 Lexington Ave., New York City. June 19, 1903

HARRISON, JAMES, Assistant Chief Engineer, The Kinloch Telephone Co., 1055 Century Building, St. Louis, Mo. Apr. 23, 1903

HART, PERCY E., Electrical Enigneer, Canadian General Electric Co., 14 King St. E., Toronto, Ont. Sept. 25, 1903

HARTER, BRET, With E. P. Roberts & Co., Cleveland, Ohio. July 26, 1900

HARTHAN, CHARLES E., Electrical Engineer, General Electric Co., Lynn, Mass. Apr. 23, 1903

HARTMANN, FRANCIS M., Instructor of Experimental Physics and Electrical Measurements, Cooper Union, New York City. Sept. 26, 1902

HARVEY, GILBERT ALEXANDER, Electrical Engineer, General Electric Co., 677 Ellicott Square, Buffalo, N. Y. May 19, 1903

HARVEY, ROBERT R., 20 So. Franklin St., Wilkesbarre, Pa. [Life Member.] Sept. 25, 1895

HARVIE, WILLIAM JAMES, Electrical Engineer, Utica and Mohawk Valley Ry. Co., Utica, N. Y. Apr. 23, 1903

HASELDEN, HARRY ARIEL, Electrical Engineer, The Whitin Machine Works, Whitinsville, Mass. Oct. 24, 1902

HASKELL, GEORGE MYRON, Selling Agent, J. G. Brill Co.; res., 32 Maple St., New Haven, Conn. May 19, 1903

HASKINS, WILLIAM EDGAR, Chief Electrician, South Works, American Steel and Wire Co., 209 Vernon St., Worcester, Mass. Jan. 25, 1901

HASSLER, CHAS T. F., Inspector of Electrical plants, Kungl Kornmerskollegium, Stockholm, Sweden. Oct. 24, 1900

HASTINGS, LOUIS BROUNELL, Erecting Road Engineer, Stanley Electric Mfg. Co., Pittsfield, Mass. Oct. 23, 1903

HATCH, AUSTIN SMITH, Assistant General Superintendent, Public Lighting Commission, 40 East Atwater St., Detroit, Mich. Sept. 26, 1902

HATHAWAY, JOSEPH D., JR., Superintendent, The Wire & Cable Co., Montreal, Que. Aug. 5, 1896

HATZEL, J. C., Firm Hatzel & Buehler, 114 Fifth Ave.; res., 1231 Madison Ave., New York City. Sept. 3, 1889

HAUBRICH, ALEX. MICHAEL, Electrical Engineer, Stromberg-Carlson Telephone Mfg. Co., 72 West Jackson Boul., Chicago, Ill. Apr. 26, 1901

HAVENS, ARTHUR L., Salesman and Engineer, Kilbourne & Clark Co., 815 Second Ave., Seattle, Wash. Mar. 27, 1903

HAVILAND, HENRY FIELD, with Clark & MacMullen, 20 Broad St., New York City. Feb. 27, 1903

HAWKINS, CHARLES CAESAR, Electrical Engineer, H. Allen, Son & Co., Ltd.; res., 37 Conduit Road, Bedford, Eng. Nov. 20, 1903

HAWKINS, LAURENCE A., Engineer, Stanley Elec. Mfg. Co., Pittsfield, Mass. Jan. 23, 1903

HAWKINS, WILLIAM CLARK, General Manager and Secy., Hamilton Cataract Power Lt. Traction Co., Ltd., Hamilton, Ont. June 19, 1903

HAWKS, H. D., Engineer, with General Electric Co., Schenectady, N. Y. May 21, 1901

HAYES, CLIFTON RICHMOND, Electrical Engineer, Ludlow, Mfg. Associates, Ludlow, Mass. June 19, 1903

HAYES, JAMES EDWARD, JR., Assistant in Laboratory Western Electric Co., New York City. Mar. 27, 1903

HAYES, JOHN BARTLETT, Storekeeper, Mechanical and Electrical Department, Universal Exposition, St. Louis, Mo. June 19, 1903

HAYES, STEPHEN Q., Switchboard Engineer, Westinghouse E. & M. Co.; res., 4 Brushton Ave., Pittsburg, Pa. Sept. 25, 1903

HAYS, GEORGE, Manager Edison Storage Battery Co., Glen Ridge; res., 190 Belleville Ave., Bloomfield, N. J. Apr. 23, 1903

HAYWARD, ROBERT FRANCIS, Chief Engineer, The Utah Light and Power Co., Salt Lake City, Utah. Apr. 23, 1903

HAZARD, WILLIAM JONATHAN, Assistant Professor Colorado School of Mines, Golden, Colo. Mar. 27, 1903

HEALY, LOUIS W., Treasurer, East Liverpool Railway Co., East Liverpool, Ohio. June 26, 1891

HEANY, JOHN ALLEN, Expert, Teter-Heany Developing Co., York, Pa. Oct. 25, 1901

HEATH, WILLIS HERBERT, Engineer and Draftsman, with C. O. Mailloux; res., 9 Hanson Pl., Brooklyn, N. Y. Mar. 27, 1903

HEDENBERG, WM. L., Manager and Editor, *Electricity*, 136 Liberty St., New York City. Nov. 21, 1894

HEFT, N. H., Chief of Electrical Dept., N. Y. & N. H. H. R. R., New Haven; res., Bridgeport, Conn. Aug. 23, 1899

HELLEBUCK, GUSTAVE J., Electrical Engineer, Societe Anonyne, Tramway Bologne, Italy. April 25, 1902

HELLICK, CHAUNCEY GRAHAM, 510 Northampton St., Easton, Pa. Jan. 26, 1898

HEMINGWAY, ALBERT FRANKLIN, Engineering Depart., American Electric Telephone Co., 36 W. Jackson Boul., Chicago, Ill. Sept. 27, 1901

HENDERSON, ALEX., Electrician, Sprague Electric Co.; res., 122 West 103d St., New York City. Nov. 30, 1897

HENDERSON, HENRY BANKS, Riverside, Cal. May 21, 1895

HENDERSON, ROBERT H., Detail Engineer, Westinghouse E. & M. Co., Newark, N. J. Jan. 23, 1903

HENDRY, WILLIAM FERRIS, Factory Engineer, Western Electric Co., 463 West St., New York City. Apr. 23, 1903

HENRY, ARTHUR ROBERT, General Superintendent, Canadian Electric Light Co., 12 Laporte St., Quebec, P. Q. July 28, 1903

HENRY, GEORGE CLINTON, District Manager, Bullock Electric Mfg. Co., Atlanta, Ga. Jan. 3, 1902

HENRY, GEORGE J., JR., Engineer The Pelton Water Wheel Co., 143 Liberty St., N Y., & 127 Main St., San Francisco, Cal. Apr. 27, 1898

HENRY, IRA WALTON, Vice-President, and Cable Engineer The Safety Cable Co., 114 Liberty St., New York City. May 21, 1901

HENRY, LEWIS WARNER, Superintendent, Hudson River Power Transmission Co., Mechanicsville, N. Y. Feb. 28, 1900

HERBERT, EDWARD, Western Electric Co., 259 South Clinton St.; res., 111 Loomis St., Chicago, Ill. Oct. 24, 1902

HERDT, LOUIS A., Lecturer on Electrical Engineering, McGill University, Montreal, Canada. May 16, 1899

HERMESSEN, JOHN LOUIS, Engineer, Commercial Department, Mexican Gen. Electric Co., Mexico, D. F., Mexico. Jan. 20, 1897

HERRICK, ALBERT B., Consulting Electrical Engineer, 120 Liberty St., New York City; res., Ridgewood, N. J. May 21, 1901

HERZOG, JOSEF, Chief of Installations Department, Ganz & Co., V. Elisabetplatz, 1 Budapest, Austria-Hungary. Jan. 3, 1902

HESKETH, JOHN, Electrical Engineer, Queensland Government, Post and Telegraph Dept., Brisbane, Queensland. May 21, 1901

HESS, ADOLFO G. B., 32 Seventh Ave., Brooklyn, N. Y. Nov. 20, 1903

HESS, HERBERT H., Assistant in Transformer Eng'g Department, General Electric Co., Schenectady, N. Y. Apr. 23, 1903

HESSENBRUCH, GEORGE S., *E.E., Ph.D.*, Asst. Engineer to Supt. of Structure, 205 Union Station, St. Louis, Mo. June 27, 1895

HEWITT, CHARLES E., President, C. E. Hewitt & Co., Park Row Building, New York City. Sept. 25, 1895

HEWITT, PETER COOPER, 11 Lexington Ave., New York City. May 21, 1901

HEWITT, WILLIAM R., Chief, Department of Electricity, 9 Brenham Pl., San Francisco, Cal. May 15, 1894

HEWLETT, EDWARD M., Engineer, General Electric Co., res.; 27 University Pl., Schenectady, N. Y. May 19, 1891

HICKOK, FREDERICK S., Electrical Engineer, Berwyn, Ill. Apr. 23, 1903

HILDBURGH, WALTER LEO, Student, Columbia University; c/o D. H. Hildburgh, Hotel Normandie, New York. Dec. 28, 1898

HILL, ERNEST ROWLAND, Electrical Engineer, The British Westinghouse E. & M. Co., Ltd., 2 Norfolk St., London, Eng. Jan. 25, 1899

HILL, G. HENRY, Packwood Boulevard and Union Ave., Schenectady, N. Y. Jan. 25, 1899

HILL, NICHOLAS S., JR., Consulting Engineer, 520 Equitable Bldg., Baltimore, Md., and 100 William St., New York City. Aug. 5, 1896

HILLIARD, JOHN D., JR., Electrical Engineer, Hudson River Water Power Co., Glens Falls, N. Y. June 19, 1903

HILLIARD, THOMAS WILLIAM NICHOLLS, District Manager and Engineer, The Canadian General Electric Co., Ottawa, Ont. Mar. 27, 1903

HILLMAN, H. W., General Electric Co., Schenectady, N. Y. Jan. 3, 1902

HINDERT, EDWIN GEORGE, Chief Mechanical and Electrical Engineer, The Cleveland and South Western Traction Co., Elyria, Ohio. Nov. 20, 1903

HINES, CHARLES HENRY, Electrical Engineer, Mechanical Dep., Canadian Pacific R. R. Shops, Montreal, P. Q. Apr. 25, 1902

HITNER, HARRY FERMAN, Electrical Engineer, American Window Glass Co., Farmers Bank Building, Pittsburg, Pa. Sept. 25, 1903

HITZEROTH, L. D., Engineer, Century Electric Co., 18 Second St., San Francisco, Cal. July 26, 1900

HIXSON, CLINTON JEROME, Engineer Railway Department, Allgemeine Elektricitats-Gesellschaft Ackerstrasse 71, Berlin. Nov. 21, 1902

HOADLEY, GEORGE A., Professor of Physics, Swarthmore College, Swarthmore, Pa. May 19, 1903

HOAG, GEO. M., City Electrician, City of Cleveland; res., 317 Hough Ave., Cleveland, Ohio. April 28, 1897

HOBBLE, ARTHUR CASSON, Cauvery Falls Power, Scheme Livasamudram Mysore Prov., India. Mar. 27, 1903

HOBEIN, CHARLES AUGUSTUS, JR., Power Department, St. Louis Transit Co.; res., 325 No. Boyle St., St. Louis, Mo. June 19, 1903

HODGE, CHARLES, Salesman, Westinghouse E. & M. Co., 1504 Continental Trust Bldg., Baltimore, Md. Mar. 28, 1902

HODGE, ROBERT WALTER, Prest. Hodge-Walsh Elec. Eng'g Co.; res., 623 Independence Boulevard, Kansas City, Mo. Jan. 23, 1903

HODGE, SETH EVANS, Student, Cornell University; res., 107 Edgemoor Lane, Ithaca, N. Y. June 19, 1903

HODGE, WILLIAM B., Electrical Engineer, Queen & Co., 1010 Chestnut St., Philadelphia, Pa. Dec. 28, 1898

HODGES, GEORGE HANWOOD, Electrical Engineer, The New York Telephone Co., 15 Dey St., New York City. Apr. 23, 1903

HODGES, WILLIAM LEMMON, Sales Manager, National Battery Co., 253 Broadway, New York City. Apr. 26, 1901

HODGKINSON, FRANCIS, Mechanical Engineer, The Westinghouse Machine Co., East Pittsburg, Pa. May 20, 1902

HODGSON, CECIL, Electrical Engineer with Stephens & Tyler, 960 Monadnock Block, Chicago. Sept. 26, 1902

HODGSON, JOSEPH ERNEST, Engineer, United Gas Improvement Co., Philadelphia, Pa. Apr. 23, 1903

HOEFTMANN, ALEXANDER O., Superintendent of Electric Cable Works, American Steel and Wire Co., Worcester, Mass. May 19, 1903

HOFFMAN, WILLIAM LEVI, Electrical Engineer, Columbia Improvement Co.; res., 230 C. St., Tacoma, Wash. Oct. 23, 1903

HOFFMAIIN, BERNHARD, New York Telephone Co., 15 Dey St., New York Citv. Nov, 23, 1898

HOFFMAN, FRANK, Electrical Engineer, Owl Creek, Mo. Sept. 25, 1903

HOFMAN, LOUIS, Chief Engineer, Wessell, Nickel & Gross, 457 W. 45th St., New York City. Mar. 27, 1903

HOGAN, CHARLES WILLIAM, Germania Electric Lamp Co., Harrison, N. J. Mar. 28, 1902

HOGAN, THOMAS JEFFERSON, New York Edison Co., 57 Duane St.; res., 611 E. 148th St., New York City. Sept. 25, 1903

HOGLE, CHARLES EDWARD, Acting Foreman of Testing Department, The Edison Electric Co., Los Angeles, Cal. Sept. 25, 1903

HOLBERTON, GEORGE C., General Supt., Electric Dept., Oakland Gas Light and Heat Co., 13th & Clay Sts., Oakland, Cal. May 15, 1894

HOLBROOK, FREDERICK MONTGOMERY, Electrical Engineer, Crocker-Wheeler Co., Old Colony Building, Chicago, Ill. Sept. 27, 1901

HOLCOMB, EUGENE, Representative Engineer, Westinghouse E. & M. Co., 124 Defensa, Buenos Aires, A. R. July 28, 1903

HOLDEN, EDGAR B., JR., Constructing Engineer, General Electric Co., Niagara Falls, N. Y.; res., Albany, N. Y. Sept. 25, 1903

HOLDREGE, HENRY ATKINSON, General Manager, Omaha Electric Light & Power Co., N. Y. Life Bldg., Omaha, Neb. Sept. 25, 1903

HOLLEY, CARL HIRAM, Chief Engineer, The Mt. Whitney Power Co. Brown Building, Visalia, Cal. Sept. 26, 1902

HOLLINS, GEORGE GRUNDY, Student, Stevens Institute of Technology, Hoboken; res., 119 Harrison Ave., Montclair, N. J. Mar. 27, 1903

HOLLOS, JOSEPH, Principal Engineer, Hungarian Telegraph Administration Tel. Department, Budapest, Austria-Hungary. May 19, 1903

HOLMAN, GEORGE ULYSSES GRANT, General Manager, The Canadian Electric Light Co., Ltd., 12 Laporte St., Quebec, P. Q. Apr. 25, 1902

HOLMAN, MINARD LAFEVER, General Superintendent, Missouri Edison Electric Co.; res., 3744 Finney Ave., St. Louis, Mo. Feb. 27, 1903

HOLMES, DUNCAN ARGYLE, Student, Columbia University; res., 203 W. 79th St., New York City. Mar. 27, 1903

HOLMES, GWYLLYN R., Holmes-Rose Electric Co., 215 Calvert St., res.; 2842 Parkwood Ave., Baltimore, Md. Jan. 24, 1900

HOLT, MARMADUKE BURRELL, Mining and Electrical Engineer, Silverton, Colo. Apr. 15, 1890

HOLTZER, CHAS. WM., President Holtzer-Cabot Electric Co., Brookline, [Life Member.] Mass. May 21, 1901

HOMMEL, LUDWIG, with The O. Hommel Co., 110 Market St., Pittsburg, Pa. Jan. 20, 1897

HONEY, WILLIAM, Electrical Engineer, The Mexican Gas and Electric Light Co., Station Clara No. 7, Mexico City, Mexico. Feb. 27, 1903

DE HOOR-TEMPIS, MAURICE, Professor at the Royal University of Technical Sciences, Budapest II., Zsigmondutca 9, Hungary. Nov. 20, 1903

HOPE, HARRY MILFORD, Engineering Department, Chicago Edison Co., 139 Adams St., Chicago, Ill. Apr. 23, 1903

HOPEWELL, CHAS. F., Fire Alarm and Police Telegraph, City of Cambridge, City Hall; res., Cambridgeport, Mass. Aug. 13, 1897

HOPKINS, NEVIL MONROE, *M.S.*, Instructor in Chemistry and Electrochemistry, Columbian Univ. Washington, D. C. Nov. 20, 1895

HOPKINS, N. S., Designing Engineer, Fort Wayne Electric Works, Fort Wayne Ind Apr. 27, 1898

HOPKINS, ROBERT MILNE, Assistant C. A. Chapman. 1041 Marquette Bldg., Chicago; res., 621 Foster St., Evanston, Ill. Nov. 20, 1903

HOPKINS, ROBERT S., Testing Department, Bullock Electric Mfg. Co., St. Paul Bldg., New York City. July 28, 1903

HOPTON, WALTER EDWIN, Solway Process Co., Syracuse, N. Y. Apr. 26, 1901

HORN, HAROLD J., *E.E.*, Assistant Superintendent Bare Wire Department, John A. Roebling's Sons' Co., Trenton, N. J. Mar. 22, 1899

HORRY, WILLIAM SMITH, Electrician Union Carbide Co., Niagara Falls, N. Y. Dec. 19, 1902

HOUGH, BENJAMIN KENT, Electrical Engineer, New York Edison Co., 57 Duane St., New York City; res., Westfield, N. J. Apr. 25, 1902

HOUK, RUDOLPH J., 2d Assistant Elec. Operator, Manhattan Railway Co.; res., 129 W. 67th St., New York City. Mar. 27, 1903

HOVLAND, OLE C., Automatic Telephone Switchboard Inspector, The Automatic Electric Co., Chicago, Ill. May. 19, 1903

HOWARD, ERNEST GRANT, Electrical Engineer, Chapman Valve Mfg. Co.; res., 573 State St., Springfield, Mass. Apr. 23, 1903

HOWE, JAMES CARLETON, Assistant Engineer, The American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. Dec. 19, 1902

HOWE, WINTHROP KEITH, Assistant Engineer, Taylor Signal Co., 1738 Elmwood Ave., Buffalo, N. Y. Mar. 22, 1901

HOWELL, DAVID JANNEY, Secretary-Treasurer and Manager, Welch Water, Light and Power Co., Washington, D.C. Sept. 25, 1903

HOWES, ROBERT, Asst. Supt. of the Light and Power System, The Washington Water Power Co., Spokane, Wash. Jan. 25, 1901

HOWSON, HUBERT, Patent Lawyer, 38 Park Row, New York City. June 8, 1887

HOXIE, GEORGE L., Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City. Feb. 28, 1901

HOXIE, HALL FARRINGTON, Electrical Engineer, 945 State St., Schenectady, N. Y. Oct. 24, 1902

HOYT, HARRY CAMPBELL, Motor repair man, St. Louis Transit Co., 1121 E. Whittier St., St. Louis, Mo. June 19, 1903

HUBBARD, ALBERT S., Gould Storage Battery Co., Astor Court Bldg., 25 W. 33d St.; res., Greenwich, Conn. Nov. 20, 1895

HUBBARD, WILLIAM C., with Westinghouse Electric & Mfg. Co., 120 Broadway, New York City. Apr. 18, 1894

HUBRECHT, DR. H. F. R., Director, Nederlandsche Bell Telephone Co., Amsterdam, Holland. Oct. 4, 1887

HUDOSON, JOHN HOWARD, Draftsman, Electro-Dynamic Co.; res., 38 N. 36th St., Philadelphia, Pa. Dec. 18, 1903

HUDSON, HARRY PRATT, Testing Department, General Electric Co.; res., 229 Liberty St., Schenectady, N. Y. Sept. 26, 1902

HUELS, FREDERICK WILLIAM, Asst. in Engineering Laboratories, University of Wisconsin; res., 115 State St., Madison, Wis. Dec. 18, 1903

HUGUET, CHAS. K., Electrical Engineer, 753 Jackson Boulevard, Chicago, Ill. June 27, 1895

HULL, MARMADUKE CURTIS, Contracting Agent, The Columbus Edison Co.; res., 332 W. 6th Ave., Columbus, Ohio. Mar. 27, 1903

HULSE, WM. S., Electrical Engineer, with Union Elektricitats Gesellschaft, Dorotheen Str. 43, Berlin, Germany. Mar. 25, 1896

HUMISTON, JOHN MEANS, The Chicago Telephone Co., 203 Washington St.; res., Berwyn, Ill. May 19, 1903

HUMPHREY, CALVIN B., Office Manager, Westinghouse Electric and Mfg. Co., 711 Neave Building, Cincinnati, Ohio. Apr. 25, 1902

HUMPHREY, CLIFFORD WANE, Engineer, The Denver Gas and Electric Co.; res., 405 17th St., Denver, Colo. Mar. 27, 1903

HUMPHREYS, C. J. R., Humphreys and Glasgow, 31 Nassau St., New York City. Sept. 6, 1887

HUNT, ARTHUR L., Harrisburg Foundry and Machine Works, 114 Liberty St., New York City. Sept. 19, 1894

HUNT, CHARLES WALLACE, President, C. W. Hunt Co., 45 Broadway, New York City. Apr. 25, 1902

HUNT, SAMUEL PARKER, Electrical Engineer, 747 Union St., Manchester, [Life Member.] N. H. Apr. 23, 1903

HUNT, WALTER SIMEON, Assistant Superintendent, Limon Electric Light and Power Plant, Port Limon, Costa Rica. Apr. 23, 1903

HUNTER, MADONE C., Electrical Engineer, St. Joseph R. R. Light, Heat & Power Co., St. Joseph, Mo. Sept. 26, 1902

HUNTLEY, CHAS. R., General Manager, Buffalo General Electric Co., 40 Court St., Buffalo, N. Y. Sept. 25, 1895

HURD, CHARLES HENRY, Consulting Engineer, Indianapolis and Chicago; res., 39 The Lexington, Indianapolis, Ind. Nov. 20, 1903

HUTCHINGS, JAMES TYLER, Electrical Engineer Assistant, The Philadelphia Electric Co., Philadelphia, Pa. Apr. 23, 1903

HUTCHINSON, FREDERICK L., Manager Electrical Sales, National Electric Company, Milwaukee, Wis. June 20, 1894

HUTCHINSON, ROLIN WILLIAM, JR., Polytechnic Institute; res., 294 Clinton Ave., Brooklyn, N. Y. Jan. 3, 1902

HYDE, JAMES CLARK, Foreman Test Department, Canadian General Electric Co., Ltd., Peterborough, Ont. Apr. 23, 1903

HYDE, J. E. HINDON, Patent Lawyer, 120 Broadway, New York City. Jan. 24, 1900

IDELL, FRANK E., Havemeyer Building, 26 Cortlandt St., New York City. July 12, 1887

IIJIMA, ZENTARO, Electrical Engineer, Shibaura Engineering Works, 1 Shinhamacho, Tokyo, Japan. Jan. 22, 1896

INSULL, MARTIN J., 2d Vice-President and G. M., General Incandescent Arc Light Co., 529 W. 34th St., New York City. Nov. 22, 1899

INSULL, SAMUEL, President, Chicago Edison Co., 139 Adams St., Chicago, Ill. Dec. 7, 1886

IWADARE, KUNIHIKO, Electrician, Nippon Electric Company, 2 Mita Shikokumachi Shibaku, Tokyo, Japan. Sept. 20, 1893

JACKSON, HENRY DOCHER, Electrical Engineer, 83 Newbury St., Boston, Mass. Apr. 23, 1903

JACOBSON, JULIUS R., Special Employee, General Electric Co., Schenectady; res., 310 Almond St., Syracuse, N. Y. Oct. 24, 1902

JACOBUS, DAVID SCHENCK, Professor Experimental Engineering, Stevens Institute of Technology, Hoboken. Sept. 25, 1903

JAEGER, CHARLES L., Inventor, Electric Recording Ship Apparatus, Laboratory, 132 Mulberry St., New York, N. Y. Dec. 20, 1893

JAMES, HENRY DUVALL, *B.S., M.E.*, Engineer, Westinghouse E. & Mfg. Co., Pittsburg, Pa. Nov. 23, 1898

JAMES, TUDOR CONWAY, Electrical Engineer, Lake Superior Power Co., 1500 Grand Ave., Kansas City, Mo. Feb. 27, 1903

JAMESON, CHARLES SMITH, Assistant Foreman Installation and Meter Department, General Electric Co., Lynn, Mass. May 19, 1903

JANES, CLAUDE MINNIS, Erecting Engineer, Stanley Electric Mfg. Co.; res., 214 Second St., Pittsfield, Mass. Apr. 23, 1903

JANISH, CHARLES, Chief Engineer, The Siemens & Halske Co.; Siegmunds No, 12, Berlin, Ger. Oct. 25, 1901

JANNEY, WILLIAM CANBY, Electrical Engineer, Dodge & Day (Nicetown); res., 3412 Hamilton St., Philadelphia, Pa. June 19, 1903

JAQUAYS, HOMER M., Canada Life Building; res., 862 Sherbrooke St., Montreal, P. Q. Dec. 27, 1899

JEFFREY, JOHN RUSSEL, Assistant General Manager Sales, Bullock Electric Mfg. Co., Cincinnati, Ohio. Dec. 19, 1902

JEFFRIES, THOMAS IRVING, Arc Lamp Testing Dept., General Incandescent Arc Light Co., 572 First Ave., New York City. Apr. 23, 1903

JENKS, ARTHUR PERKINS, Railway Department, General Electric Co.; res., 27 Front St., Schenectady, N. Y. May 21, 1901

JENKINS, JOHN EVAN, Chief Operator, Western Union Telegraph Co., Denver, Colo. Mar. 27, 1903

JESSUP, WARREN CANFIELD, Sales Engineer, The Cutter Electric and Mfg. Co.; res., 1728 Spring Garden St., Philadelphia, Pa. Sept. 25, 1903

JEWELL, EDWARD W., Manager, Jewell Electrical Insstrument Co.; res., 1036 Park Ave., Chicago, Ill. Apr. 23, 1903

JEWETT, FRANK BALDWIN, Student, Mass. Inst. Technology; res., Technology Club, Boston, Mass. Jan. 23, 1903

JEWSON, FRANK KNIGHT, Telephone Engineer, The Western Electric Co., North Woolwich, England. May 19, 1903

JOBBINS, GEORGE GILBERT, Chief Assistant Engineer, Electric Light and Traction Co., of Australia, Melbourne, Vict. Apr. 23, 1903

JOHANN, CHARLES SHEPPARD, Electrical Engineering Student, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

JOHNS, ELLWOOD C., Electrician, The United Electric Light & Power Co., of N. J.; res., 161 Virginia Ave., Jersey City, N. J. Feb. 27, 1903

JOHNSON, ALBERT C., Superintendent and Electrician, Electric Light and Water Works, Willmar, Minn. May 16, 1890

JOHNSON, CHARLES E., *C.E.*, 36 Wall St., Norwalk, Conn. May 15, 1900

JOHNSON, CHARLES WOOD, Production Manager, Bullock Electric Mfg. Co.; res., 2272 Jefferson Ave., Norwood, Ohio. Feb. 27, 1903

JOHNSON, FRANCIS PORTER, Electrical Engineer, Western Electric Co., 259 South Clinton St., Chicago, Ill. Mar. 27, 1903

JOHNSON, HOWARD S., Jeffrey Mfg. Co., 303 Kanawha St., Charleston, W. Va. Mar. 22, 1899

JOHNSON, JASON A., Electrician, Niagara Falls Power Co.; res., 544 10th St., Niagara Falls, N. Y. Sept. 25, 1903

JOHNSON, JOHN C., Electrician, Westinghouse E. & M. Co.; res., 31 West Clinton St., Cleveland, Ohio. Sept. 25, 1903

JOHNSON, MONTGOMERY HUNT, President, Johnson & Morton, 44 Whitesboro St., Utica, N. Y. Feb. 27, 1903

JOHNSON, WALLACE CLYDE, Consulting Engineer, Water Power and Transmission, Niagara Falls, N. Y. Mar. 22, 1901

JOHNSON, WARREN S., Johnson Electric Service Co., 120 Sycamore St., Milwaukee, Wis. Sept. 27, 1901

JOHNSON, WOOLSEY MCALPINE, Electro-Metallurgist, Lanyon Zinc Co., Iola, Kan. Mar. 28, 1902

JOHNSTON, HERBERT L., Electrical Engineer, The Hobart Elec. Mfg. Co., Troy, Ohio. Jan. 23, 1903

JOHNSTON, JAMES EWING, Engineer and Superintendent, Mountain Electric Co.; res., 1111 Detroit St., Denver, Colo. Sept. 25, 1903

JOHNSTON, RICHARD HARRY, Assistant, R. D. Lillibridge, 170 Broadway, New York; res., 972 Park Pl., Brooklyn, N. Y. Oct. 24, 1902

JOHNSTON, THOS. J., Counsel in Patent Causes, 11 Pine St., New York City. May 16, 1899

JOHNSTON, W. J., President, *The Engineering and Mining Journal*, 261 Broadway, New York City. Apr. 15, 1884

JOLLY, JOHN MACCALLUM, Electrical Engineer, Noyes Bros., 109 Pitt St., Sydney, N. S. W. Oct. 24, 1902

JOLY, HENRI LOUIS, Battery Expert and Chemist, The Electromobile Co., Ltd., London, Eng. Feb. 27, 1903

JONES, ARTHUR W., Managing Director, Australian General Electric Co., Equitable Bldg., Melbourne, Vict. Oct. 17, 1894

JONES, FORREST R., Professor, Cornell University, Ithaca, N. Y. May 20, 1890

JONES, FRED ATWOOD, Consulting Electrical, Mechanical and Hydraulic Engineer, 303 Binz Building, Houston, Tex. Jan. 24, 1902

JONES, G. H., Agent, General Electric Co., Casilla, 1317 Santiago, Chili. Apr. 17, 1895

JONES, GEORGE HARVEY, Assistant Engineer, Chicago Edison Co., 139 Adams St.; res., 6531 Woodlawn Ave., Chicago, Ill. Dec. 19, 1902

JONES, M. E., 443 First St., Brooklyn, N. Y. Oct. 27, 1897

JONES, ROBERT CLAY, Turnbull & Jones, Electrical Engineers and Contractors, Dunedin, N. Z. Oct. 24, 1902

JONES, WALTER J., With Hendrie & Bolthoff, 1621 17th St., Denver, Colo. May 20, 1902

JOSLIN, ARBA VANDERBURG, Transformer Inspector, Antioch, Cal. Oct. 24, 1902

JOSLYN, ROLAND ARTHUR, Student, General Electric Co., West Lynn, Mass. Apr. 23, 1903

JOURDAN, FREDERICK MORTON, Supply Agent, General Electric Co.; res., 28 Atlantic Terrace, Lynn, Mass. Apr. 23, 1903

JOYNER, ALBERT HENRY WINTER, Electrical Engineer, Edison Electric Illuminating Co., 576 Atlantic Ave., Boston, Mass. Sept. 26, 1902

JUDSON, HANFORD CHASE, Assistant Engineer General Electric Co., Dobbs Ferry, N. Y. Apr. 25, 1902

JUDSON, WM. PIERSON, Deputy State Engineer, of New York, Albany; res., Oswego, N. Y. June 8, 1887

JUHLIN, GUSTAV ADOLF, Assistant Electrical Engineer, Dick Kerr & Co., Ltd., West Strand Road, Preston, Eng. Oct. 23, 1903

JUNKERSFELD, PETER, (*Local Honorary Secy.*,) Asst. to Mechanical Engineer, Chicago Edison Co., 139 Adams St., Chicago, Ill. Oct. 25 1901

KAETKER, HENRY, Foreman of Switchboard and Controller Department, Triumph Electric Co., Cincinnati, Ohio. Feb. 27, 1903

KAMMERER, JACOB A., General Agent, The Royal Electric Co.; res., 87 Jameson Ave., Toronto, Ont. Apr. 28, 1897

KAPPELLA, ADOLPH SOMERS, Railway Engineering Department, General Electric Co.; res., 1231 State St., Schenectady, N. Y. Oct. 24, 1902

KARAPETOFF, WALDIMIR, Special Apprentice, Westinghouse E. & M. Co.; res., 804 Wood St., Wilkinsburg, Pa. Feb. 27, 1903

KATTE, EDWIN BRITTON, Electrical Engineer, N. Y. C. & H. R. R. R. Co.; Grand Central Station, New York City. Feb. 27, 1903

KEDNEY, LYNN, STEINFORT, Electrician in charge of Power House, The Jalapa Railroad and Power Co., Jalapa, Mexico. May 19, 1903

KEEFER, EDWIN S., Supt. of Electric Light Construction, Western Electric Co., 463 West St., New York City. Apr. 18, 1894

KEELER, IRVING PHELPS, Superintendent of Power and Construction, Asheville Electric Co., Asheville, N. C.

KEILEY, JOHN D., Asst. Electrical Engineer, N. Y. C. & H. R. R. R., 5 Vanderbilt Ave., New York City. July 25, 1902

KEILHOLTZ, P. O., General Manager, United Electric Light and Power Co., Continental Trust Building, Baltimore, Md. Mar. 21, 1893

KELLER, CARL A., Chicago Edison Co., 139 Adams St., Chicago, Ill. Sept. 27, 1901

KELLER, E. E., Vice-President and General Manager, Westinghouse Machine Co., Pittsburg, Pa. Sept. 20, 1893

KELLOGG, JAMES GIFFORD, Student, Cornell University; res., Sigma Phi Place, Ithaca, N. Y. Nov. 20, 1903

KELLOGG, JAMES W., *M.E.*, Manager Marine Sales, General Electric Co.; res., 10 Front St., Schenectady, N. Y. June 26, 1891

KELLY, JOHN WESLEY, JR., Superintendent of Equipment Keystone Telephone Co., 135 South 2d St., Philadelphia, Pa. Dec. 18, 1903

KELLY, THOMAS FRANCIS, Construction and Electrical Engineer, Electric Storage Battery Co., 1427 Marquette Bldg., Chicago. Dec. 18, 1903

KELSEY, JAMES CEZANNE, Purdue University, Lafayette, Ind. Nov. 23, 1900

KENNEDY, A. P., Electrical Engineer, Yates, Tallapoosa Co., Ala. [Life Member.] Apr. 26, 1899

KENT, JAMES MARTIN, Instructor in Steam and Electricity, Manual Training High School, Kansas City, Mo. July 26, 1900

KENYON, ALFRED LEWIS, Electrical Engineer, General Electric Co., Schenectady, N. Y.; res., Lima, Peru, S. A. Sept. 25, 1903

KER, W. WALLACE, Instructor of Electricity, Hebrew Technical Institute, 36 Stuyvesant St., New York City. Sept. 25, 1895

KERR, SAMUEL ROSS, Testing Department, Bullock Electric Mfg. Co.; res., cor. Norwood Ave. & Marion St., Norwood, Ohio. Jan. 3, 1902

KERSHNER, JEFFERSON E., Consulting Engineer, The Lancaster County R. & L. Co., 445 W. Walnut St., Lancaster, Pa. Jan. 3, 1902

KETCHAM, JOHN BRYANT, Branch Manager, New York Edison Co., 207 Greene St.; res., 4196 Park Ave., New York City. Apr. 23, 1903

KEYES, CLIFT BUTTON, Erecting Engineer, General Electric Co., Schenectady, N. Y. July 28, 1903

KIER, SAMUEL MARTIN, Electrical Engineering Dept., Westinghouse E. & M. Co.; res., 5820 Callowhill St., Pittsburg, Pa. Jan. 24, 1902

KIMBALL, FRED MASON, Manager, Small Motor Department, General Electric Co., 84 State St., Boston, Mass. Apr. 23, 1903

KING, ARTHUR CHARLES, Engineer Northern Electric Mfg. Co., Madison, Wis. Nov. 20, 1903

KING, CHARLES G. Y., Mechanical Engineer, Chicago Edison Co., 139 Adams St., Chicago, Ill. Apr. 23, 1903

KING, HARRY R., Electrical Engineer, Western Electric Co., 259 S. Clinton St., Chicago, Ill. Nov. 22, 1901

KING, R. O., 32 Church St.; res., 503 Markham St., Toronto, Ont. Sept. 26, 1903

KING, VINCENT C., JR., With V. C. & C. V. King, 517 West St.; res., 110 E. 16th St., New York City. Aug. 5, 1896

KINNECOM, FRED ORRIN, General Manager, Electrical Department, Charles S. Bush Co., Providence, R. I. May 19, 1903

KINSELL, WILLIAM LEONARD, Mechanical and Electrical Engineer, Chicago Great Western Railway, St. Paul, Minn. Dec. 18, 1903

KINSLEY, CARL, Assistant Professor of Physics, University of Chicago, Chicago, Ill. May 18, 1897

KINTNER, CHARLES JACOB, Solicitor of Patents and Expert, 45 Broadway; res., 36 E. 29th St., New York City. Feb. 28, 1902

KIRKER, HARRY LEPPER, Estimating and Erecting Engineer, The British Westinghouse E. & M Co., Ltd., London, Eng. Feb. 27, 1903

KITTLER, DR. ERASMUS, Professor at the Technical High School, Darmstadt, Germany. Dec. 16, 1896

KLAUDER, RUDOLPH H., Electrical Engineer, 41 West Philena St., Philadelphia, Pa. Aug. 13, 1897

KLEIN, RICHARD M., Electrical Expert Bureau of Equipment, Navy Department, Washington, D. C. July 28, 1903

KLINCK, J. HENRY, Electrical Engineer, Lehigh Valley R. R., South Bethlehem, Pa. Jan. 16, 1895

KLINE, JAMES JOSEPH, Engineer, Stanley Electric Mfg. Co.,; res. Beech Grove Inn, Pittsfield, Mass. Jan. 3, 1902

KLIPPHAHN, EMIL OSWALD ERNEST, Building No. 16, General Electric Co., Schenectady, N. Y. Apr. 23, 1903

KLOCK, RAYMOND A., Assistant Electrical Engineer, the U. S. Signal Corps, Signal Office, Washington, D. C. Mar. 27, 1903

KLOMAN, THEODORE W., Manager and Treasurer, The John F. Kelly Engineering Co., 149 Broadway, New York City. June 19, 1903

KLUMPP, JOHN BARTLEMAN, Assistant Inspecting Engineer, The United Gas Improvement Co., Philadelphia, Pa. Dec. 19, 1902

KNIGHT, CLIMPSON MOORE, Superintendent, Empire State Power Co., Amsterdam, N. Y. Apr. 23, 1903

KNIGHT, EARL RAWLINGS, Engineer, Bullock Electric Mfg. Co., Norwood, Ohio. Feb. 27, 1903

KNIGHT, GEORGE LAURENCE, New York Edison Co., New York City; res., 13 St. James Pl., Brooklyn. May 19, 1903

KNIGHT PERCY HENRY, 808 Broadway, Seattle, Wash. Mar. 28, 1902

KNIGHT, SEYMOUR, Designer, The General Electric Co.; res., 310 Clinton St., Schenectady, N. Y. May 19, 1903

KNOWLTON, FREDERICK KIRK, Secretary, Knowlton and Beach Co., Rochester, N. Y. Dec. 19, 1902

KNOX, FRANK H., Engineer, 811 Lewis Building, Pittsburg, Pa, June 20, 1894

KNOX, GEO. W., President, Knox Engineering Co., 1409 Fisher Building, Chicago, Ill. Nov. 18, 1896

KNOX, S. L. G., Manager and Chief Engineer, Bucyrus Co., South Milwaukee, Wis. Nov. 23, 1898

KODAMA, HAYADZUCHI, Chief Engineer, Tokyo Electric Ry., 33 Uchisauvaicho Kojimachekn, Tokyo, Japan. July 25, 1902

KOGI, TORAJIRO, Consulting Engineer, Kurumaya-Cho, Nijo, Kyoto, Japan. June 19, 1903

KONISHI, TAMENOSUKE, Investigating Engineer, Shibaura Engineering Works, Tokyo, Japan. Sept. 25, 1903

KORST, PHILIP HAROLD, Secretary and Manager, Janesville Electric Co., Janesville, Wis. June 19, 1903

KOUSNETZOFF, W. A., Mining Engineer, Vladivostock, East Siberia. Aug. 22, 1902

KRATZ, ARTHUR BRYSON, Manager, Kellogg Switchboard and Supply Co., Electric Bldg., Cleveland, Ohio. Dec. 18, 1903

KREIDLER, W. A., Editor and Publisher, *Western Electrician*, 510 Marquette Building, Chicago, Ill. Oct. 4, 1887

KROHN, SIGVALD, Electrical Engineer, Union Elektricitats-Gesellschaft, Berlin, Ger. July 28, 1903

KRUESI, AUGUST H., Designing Engineer, General Electric Co.; res., 16 Union St., Schenectady, N. Y. Jan. 9, 1901

KRUESI, PAUL JOHN, Manager, Sunlight Lava Mfg. Co., Chattanooga, Tenn. Oct. 25, 1901

KUNZE, RUDOLPH I., Electrical Engineer, Otis Elevator Co.; res., 17 Culver St., Yonkers, N. Y. Nov. 20, 1903

KYNOCH JAMES, Chief Engineer, Canadian General Electric Co., 14 King St. E., Toronto, Ont. Apr. 23, 1903

LA FEVER, CHARLES A., Assistant Superintendent and Electrical Engineer, Advance Thresher Co., Battle Creek, Mich. Sept. 25, 1903

LAFORE, JOHN ARMAND, Electrical Engineer, Overbrook, Pa. May 15, 1900

LAILE, WALTER, Erecting Engineer, Triumph Electric Co.; res., 2304 Victor St., Cincinnati, Ohio. Apr. 23, 1903

LAKE, EDWARD N., Engineer, Chicago Edison Co., 139 Adams St.; res.,227 Jackson Park Terrace, Chicago, Ill. Apr. 23, 1903

LAMB, FRANCIS JOSEPH, Electrical Engineer, Lamb & Co., 284 Lagrave St., Grand Rapids, Mich. Jan. 3, 1902

LAMB, RICHARD, Chief Engineer, Brooklyn Dock and Terminal Co., 136 Liberty St., New York City. Dec. 18, 1895

LAMY, C. A., Asst. Engineer, Lighthouse service, res., Tompkinsville, N.Y. Jan. 23, 1903

LAND, FRANK, *M.E.*, Secy. and Treas., I. A. Weston Co., ; res. 102 Highland Ave., Syracuse, N. Y. Sept. 22, 1891

LANDERS, GEORGE FOREMAN, Captain Artillery Corps, Thurmont Frederick Co., Maryland. Nov. 20, 1903

LANG, ARTHUR GORDON, Tester, Edison Storage Battery C.., Glen Ridge, N. J. Sept. 25, 1903

LANG, EDMUND, Purchasing Agent, Wheeler Condenser and Engineering Co., 120 Liberty St., New York City. Feb. 27, 1903

LANG, GEORGE STUART, Engineer, Beeché, Duval & Co., Valparaiso, Chili. Jan. 23, 1903

LANGSDORF, ALEXANDER SUSS, Asst. Prof. Elec. Eng'g, Washington University, St. Louis, Mo. Jan. 23, 1903

LANMAN, WILLIAM H., Board of Patent Control, 120 Broadway, New York City. June 6, 1893

LANPHEAR, BURTON S., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Ia. Jan. 16, 1895

LANPHIER, ROBERT CARR, Superintendent and Electrician, Sangamo Electric Co., Springfield, Ill. Nov. 22, 1901

LANSINGH, VAN RENSSELAER, Electrical and Illuminating Engineer, 18 E. Adams St.; res., 5329 Kimbark Ave., Chicago, Ill. Aug. 23, 1899

LANSLEY, WILLIAM J., General Manager, Carteret Electric Light Co., Woodbridge, N. J. Apr. 23, 1903

LARKE, WILLIAM JAMES, Manager, Power and Mining Dept., British Thomson-Houston Co., Ltd., Rugby, Eng. Sept. 25, 1903

LATHAM, HARRY MILTON, With American Steel and Wire Co., Worcester, Mass. Dec. 16, 1896

LATOUR, MARIUS CHARLES ARTHUR, Electrical Engineer, 22 Rue de Vocqueville, Paris, France. June 19, 1903

LAURIE-WALKER GEORGE LIVINGSTON, Engineering Apprentice, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. May 19, 1903

LAWLER, JUSTUS CLAUDE, Assistant, Colorado Springs Electric Co., 107 East Kiowa, Colorado Springs, Colo. Dec. 18, 1903

LAWRENCE, WM. G., Manager of Light and Power Department, Town of Hudson, Hudson, Mass. Feb. 28, 1900

LAWRENCE, W. H., Assistant Superintendent, Waterside Station, The N. Y. Edison Co., 38th St. & 1st. Ave., New York . Apr. 26, 1899

LAWSON, JAMES T., Assistant to Superintendent United Electric Co., of New Jersey, 14th and Bloomfield Sts., Hoboken, N.J. Aug. 22, 1902

LAWTON, ARTHUR HAMILTON, Assistant Electrical Engineer, The Hudson River Electric Co., Glens Falls, N. Y. May 19, 1903

LAWTON, EDWIN FRANKLIN, Superintendent, Hartford Electric Light Co., res., 100 Sargeant St., Hartford, Conn. Sept. 25, 1903

LAWTON, FRANCIS N., Superintendent, The Gas and Electric Co., of Bergen Co., Hackensack, N. J. May 19, 1903

LAYTON, GORDON, Electrical Engineer, British Westinghouse E. & M. Co.; res., 48 Lancaster Park, Richmond, Eng. Jan. 3, 1902

LEAR, JOHN EMERY, Student in Testing Department, General Electric Co.; res., 86 Park St., Lynn, Mass. Apr. 23, 1903

LEARY, JOHN JOSEPH, Electrical Engineer, Marconi Wireless Telegraph Co., 27 William St., New York City. Apr. 23, 1903

LEAVITT, ROBERT PABODY, Electrical Engineer, Albany and Hudson Railroad Co., Hudson, N. Y. June 19, 1903

LEBLANC, CHARLES, Engineer, 7 Rue Meyerbeer, Paris, France. Apr. 17, 1895

LEBLANC, MAURICE, Consulting Electrical Engineer, Westinghouse Electric and Mfg. Co., Paris, France. Apr. 25, 1902

LECLEAR, GIFFORD, Electrical and Mechanical Engineer, Partner Densmore & LeClear, 15 Exchange St., Boston, Mass. Oct. 27, 1897

LECONTE, JOSEPH NISBET, Instructor in Mechanical Engineering, State University, Berkeley, Cal. Feb. 27, 1895

LEDOUX, A. R., *M.S.*, *Ph.D.*, President of Ledoux & Co. (inc.), 99 John St.; res., 39 W. 50th St., New York City. Dec. 7, 1886

LEDERER, WILLIAM, Engineering Department, Chicago Edison Co.; res., 1113 Lincoln Ave., Chicago, Ill. July 28, 1903

LEE, ALBERT W., Manager, Concord Municipal Light Plant, Concord, Mass. Apr. 23, 1903

LEE, CHARLES EUGENE, Engineer and Salesman, Electric Gas Lighting Co., 195 Devonshire St., Boston, Mass. July 28, 1903

LEE, JOHN C., Chemist and Electrician, American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. Mar. 18, 1890

LEE, ROBERT MILLER, Draftsman, U. S. Army Ordnance Office; res., 1905 Pennsylvania Ave., N. W., Washington, D. C. June 19, 1903

LEEDS, MORRIS EVANS, President, The Leeds & Northrup Co., 259 North Broad St.; res., 3221 N. 17th St., Philadelphia, Pa. Apr. 26, 1901

LEEDS, NORMAN, Electrical Engineer, Forest St., Stamford, Conn. Feb. 28, 1901

LEGRAND, CHARLES, Copper Queen Consolidated Mining Co., 99 John St., New York City. Jan. 23, 1903

LEIST, WILLIAM, Member and Constructing Engineer, Jantz and Leist Elec. Co., 808 Elm St., Norwood, Cincinnati, O. Mar. 27, 1903

LEITCH, HOWARD WALLACE, Switchboard Regulator, The New York Edison Co., 38th St. & First Ave., New York City. Nov. 23, 1898

LESLEY, HUGH, Engineer, The Electric Storage Battery Co., 19th St. and Allegheny Ave, Philadelphia, Pa. Sept. 26, 1902

LETHEULE, PAUL, Electrical Engineer, Commissioned by French Government, 52 Rue de Clichy, Paris, France. May 17, 1898

LEVY, LEHMAN, Construction Supt., Schwarzschild & Sulzberger Co.; res., 157 West 118th St., New York City. Apr. 23, 1903

LEWIS, EMANUEL WILLIAM, Special Apprentice, Westinghouse Elec. and Mfg. Co., Continental Trust Bldg., Baltimore, Md. Nov. 20, 1903

LEWIS, HENRY FREDERICK WILLIAM, 25 College Hill, Cannon St., London, England. Mar. 5, 1889

LIBBY, SAMUEL BYINGTON, Richmond Borough Equipment Co., 395 Richmond Terrace, New Brighton, N. Y. Feb. 23, 1898

LIDDERDALE, ARTHUR HECTOR, Chief Assistant Erection Dept., Westinghouse Electric & Mfg. Co., Ltd., Hampstead, Eng. May 19, 1903

LIGON, WILLIAM DANIEL, Electrical Engineer, Westinghouse Electric and Mfg. Co., University Building, Syracuse, N. Y. June 19, 1903

LILLIBRIDGE, RAY D., 170 Broadway, New York City. Jan. 24, 1902

LINDMAN, GUSTAV, Chief Draftsman, St. Louis Transit Co., St. Louis, Mo.; res., Stockholm, Sweden. May 19, 1903

LINDSAY, ROBERT, General Supt., The Cleveland Elec. Ill. Co., 717 Cuyahoga Building, Cleveland, Ohio. Apr. 27, 1898

LINDSAY, SHERWOOD COLEMAN, Chief Operating Electrical Engineer, The Seattle Electric Co., Seattle, Wash. June 19, 1903

LINDSEY, LUCIUS ARTHUR, *B.E.*, Wire Chief, S. B. T. & T. Co., Raleigh, N. C. Jan. 23, 1903

LINDSTROM, KARL ARVID, Electrical Engineer, Allmänna Svenska Elektriska Aktiebolaget, Westerås, Sweden. Jan. 23, 1903

LISLE, ARTHUR BEYMER, General Representative, Narragansett Electric Lighting Co., Providence; res., East Greenwich, R. I. Jan. 9, 1901

LINZEE, ALBERT CARL, Designing Engineer, Akron Electric Mfg. Co.; Akron, Ohio. Feb. 27, 1903

LITTLE, C. W. G., Engineering Manager, The British Electric Traction Co., Ltd., Donington House, Norfolk St., London, Eng. Apr. 22, 1896

LIVERS, JOHN LEO, Electrical Contractor, Woodstock, W. Va. Oct. 24, 1902

LIVINGSTON, JOHNSTON, JR., The United Engineering and Contracting Co., 113 East 22d St., New York City. May 17, 1898

LIVSEY, J. H., Salesman and Manager Detroit Office, General Electric Co., 1005 Majestic Building, Detroit, Mich. Apr. 25, 1900

LLOYD, EDWARD WILLIAM, Assistant Superintendent of Construction, Chicago Edison Co., 139 Adams St., Chicago. Feb. 28, 1902

LLOYD, WILLIAM JOHN, Engineer of Instrument Department, Stanley Electric Mfg. Co., Pittsfield, Mass. July 25, 1902

LOBO, GUSTAVE, Office Engineer, V. M. Braschi & Bro., Callé-Cadera No. 2, Mexico City, Mexico. June 28, 1901

LOCKE, FREDERICK M., President Locke Insulator Mfg. Co., Victor, N. Y. Apr. 23, 1903

LODYGUINE, ALEXANDER, 412 Richmond Road, Stapleton, Staten Island, N. Y. Oct. 24, 1902

LOEWENTHAL, MAX, Electrical Engineer, Prometheus Elec. Co., 60 Reade St., New York City; res. 200 N. 5th St., Newark, N.J. Mar. 23, 1898

LOHMANN, ALFRED PERKINS, Manager, Engineering Department, the B. F. Goodrich Co., 37 Marshall Ave., Akron, O. Mar. 27, 1903

LOHMANN, RALPH W., Room 312, 79 Wall St., N. Y. City. Nov. 23, 1898

LOMAS, HAROLD, Washington Manager, Crocker-Wheeler Co., 535 17th St., Washington, D. C. May 19, 1903

LORIMER, GEO. WM., Secy. and Treas., The American Machine Telephone Co., Ltd., Piqua, Ohio. Aug. 5, 1896

LOTT, JOHN COOLEY, Manager, New York Office, Fort Wayne Electric Works, 40 New St., New York City, Mar. 27, 1903

LOUIS, OTTO T., Manager of New York Branch, Queen & Co., Inc., 59 Fifth Ave.; res., 100½ W. 130th St., New York City. Feb. 23, 1898

LOVEJOY, D. R., Electrical Engineer, c/o Cataract Chemical Co., Niagara Falls N. Y. Apr. 28, 1897

LOVERIDGE, IRVING, Manager, Bell Telephone Mfg. Co., 18 Rue Bondewyns, Antwerp, Belgium. Oct. 23, 1903

LOWE, ERNEST A., Electrical Engineer, Lowe & Leveridge, 183 Greenwich St., New York City; res., Plainfield, N. J. June 19, 1903

LOWSON DAVID, Electrical Inspector, N. Y. Board of Education, 59th St. and Park Ave., New York City. Feb. 28, 1902

LOWENBERG, LAURENT, Head of Specification Dept., Bullock Electric Mfg. Co.; res., 2229 Park Ave., Cincinnati, Ohio. Feb. 27, 1903

LOWTHER, CHRISTOPHER MEYER, 36 Riverside Drive, New York City. Nov. 23, 1900

LUCAS, FRED. L., Manager and Engineer, Pontiac Electric Co., Pontiac, Ill. Jan. 23, 1903

LUCAS, JAMES CLARENCE MERRYMAN, District Manager, Bullock Electric Mfg. Co., 8 South St., Baltimore, Md. May 20, 1902

LUDVIGSEN, HANS VALDEMAR, Electrochemical Engineer, Blaagaardsgade 17, Copenhagen, Denmark. Nov. 22, 1901

LUKES, GEORGE HOLT, General Superintendent, North Shore Electric Co., 1819 Orrington Ave., Evanston, Ill. Oct. 25, 1901

LUNDELL, ROBERT, Electrical Engineer, 527 W. 34th St.; res., 9 W. 68th St., New York City. Feb. 7, 1890

LUNDIE, JOHN, Consulting Engineer, 52 Broadway, New York City. Nov. 22, 1899

LUPKE, FRANZ PAUL, Chief Elec. Engineer, South Jersey Gas, Electric and Traction Co.; res., 222 East State St., Trenton, N. J. Mar. 27, 1903

LUSK, WILLIAM CLARDY, Agent, General Electric Co., c/o Chartered Bank of India, Australia and China, Calcutta, India. Sept. 26, 1902

LYFORD, OLIVER S., JR., Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City. Apr. 26, 1899

LYMAN, CHESTER WOLCOTT, *M.A.*, Assistant to President International Paper Co., 30 Broad St., New York, N. Y. Sept. 19, 1894

LYNCH, JOHN COOPER, Traffic Engineer, New York Telephone Co., 15 Dey St.; res., 122 East 18th St., New York City. May 20, 1902

LYNDON, LAMAR, Consulting Electrical Engineer, Park Row Building; res., 243 W. 98th St., New York City. Sept. 27, 1901

LYNN, WM. A., Electrician, 1021 N. Commerce St., Stockton, Cal. Jan. 25, 1899

LYONS, JOSEPH, Patent Solicitor, with Gustav Bissing, 908 G. St., Washington, D. C. June 24, 1898

LYSTER, THOMAS LEE BRENT, Electrical Engineer; res., 187 Lefferts Pl., Brooklyn. Sep. 25, 1903

MACAFEE, JOHN BLAIR, 1002 Harrison Building, Philadelphia, Pa. Mar. 27, 1903

MACARTNEY, JOHN F., Managing Director, Macartney, McElroy & Co., Ltd., 53 Victoria St., London, Eng. May 16, 1899

MACCALLA, CLIFFORD SHERRON, Assistant to General Manager, The Washington Water Power Co., Spokane, Wash. June 28, 1901

MACDONALD, JAMES ENON, Electrician, Pacific Elec. Ry. Co., res.; 643½ Kohler St., Los Angeles, Cal. Jan. 23, 1903

MACFADDEN, CARL K., Consulting Engineer, Geneva, Ind. Sept. 27, 1892

MACFARLANE, WALTER LUTON, Superintendent M. P. Davis, Mille Roches, Ont. May 19, 1903

MACGAHAN, PAUL, Electrical Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

MACGREGOR, WILLARD H., Westinghouse Electric & Mfg. Co., 120 Broadway; res., 235 W. 108th St., New York City. Jan. 20, 1897

MACHALSKE, FLORENTIN JOSEPH, Chemist, Brooklyn, N. Y. Sept. 25, 1903

MACHEN, CHARLES HUDSON, Electrical Engineer, 231 W. 96th St., New York City. Jan. 23, 1903

MACKAY, JAMES LESLIE, Assistant Electrical Engineer, General Electric Co.; res., 41 Market St., West Lynn, Mass. Apr. 23, 1903

MACKAY, WILLIAM, Student American Institute; res., 186 East 104th St., New York City. June 19, 1903

MACKEEN, RUPERT THOMAS, Electrical Engineer, The Canadian General Electric Co., 14 King St., Toronto, Ont. Oct. 24, 1902

MACLOSKIE, GEORGE, JR., Designer and Engineer, General Electric Co., Schenectady, N. Y Apr. 23, 1903

MADDEN, JOHN FREDERICK SCARTH, Student, Toronto University; res., 7 Bedford Road, Toronto, Ont. Mar. 27, 1903

MALCOLMSEN, CHARLES TOUSLEY, Chief Engineer, Lanyon Zinc Co., Iola, Kan. May 19, 1903

MACOMBER, GEORGE STANLEY, Instructor of Electrical Engineering, Cornell University, Ithaca, N. Y. Aug. 22, 1902

MACOMBER, IRWIN JOHN, Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City; res., Richmond Hill, N. Y. Mar. 28, 1900

MADSEN, JOHN PERCIVAL VISSING, Lecturer in Electrical Engineering, University of Adelaide, Adelaide, South Australia. May 19, 1908

MAGEE, LOUIS J., Electrical Engineer, 25 Broad St.; res., 14 E. 60th St., New York City. Apr. 2, 1889

MAGIE, LOUIS DE WITT, Works Engineer, Canadian General Electric Co., Peterborough, Ont. Sept. 27, 1901

MAGNUS, BENJAMIN, Buffalo Smelting Works, 1 Austin St., Buffalo, N. Y. Jan. 24, 1900

MAGUIRE, THOMAS F. J., Electrical Expert Aid, Bureau Yards and Docks, Navy Dept., Washington, D. C. Aug. 22, 1902

MAHAFFEY, CLAYTON BENNET, Engineer, General Electric Co., Kittredge Bldg., Denver, Colo.; res., Schenectady, N. Y. Jan. 23, 1903

MALLETT, JOHN PURINTON, Chief Engineer and Designer, Northern Electric Mfg. Co.; res., 223 N. Carroll St., Madison, Wis. Feb. 27, 1903

MAKI, HEIICHIRO, 488 Sankocho, Shirokane, Shiba, Tokyo, Japan. Aug. 5, 1896

MALLORY, WALTER SEELEY, Manager, Edison Laboratory, etc., Orange, N. J. July 25, 1902

MANGE, JOHN I., Engineer, Plattsburg Light, Heat and Power Co., Plattsburg, N. Y. Sept. 25, 1903

MANIFOLD, RICHARD GOING, Draftsman, United Gas & Electric Co., 54 Phelan Ave., San Jose, Cal. Jan. 23, 1903

MANN, WILLIAM LOWRY, Niagara Falls Power Co.; res., 250 5th St., Niagara Falls, N. Y. May 19, 1903

MANSFIELD, R. H. JR., Eastern Manager of the Cutler-Hammer Mfg. Co., Westfield, N. J. Sept. 28, 1898

MANSON, RAY HERBERT, 1st. Assistant Engineer, Dean Electric Co., Elyria, Ohio. Nov. 21, 1902

MANVILLE, CHARLES B., Electrical Engineer's Assistant, Otis Elevator Co.; res., 116 Buena Vista Ave., Yonkers, N. Y. Aug. 22, 1902

MANYPENNY, JOSEPH POPE, Eastern Shipbuilding Co., Westchester, Pa. Mar. 27, 1903

MARBLE, HARRY CURTISS, Asst. E. Eng'g, Univ. of Ill.; res., 305 W. University Ave., Champaign, Ill. Jan. 23, 1903

MARBURG, LOUIS C., Electrical Engineer, General Electric Co., Schenectady, N. Y. Feb. 28, 1902

DE MARCHENO, E., Chief Engineer, Compagnie Francais, Thomson Houston, 10 Rue de Londres, Paris, France. June 19, 1903

MARKLE, HERBERT, Sales Engineer, Northern Electric Mfg. Co., Suite 15, Monadnock Building, Chicago, Ill. Dec. 19, 1902

MARLOW, WAYLAND CLINTON, Electrical Engineer, The Natural Food Co., Niagara Falls, N. Y. Jan. 23, 1903

MARSH, CHAS. J., General Manager, Eastern and N. E. Sales Dept., Standard Und. Cable Co., 56 Liberty St., New York.

MARSH, CHARLES MERCER, 24 Front St., Schenectady, N. Y. Feb. 27, 1903

MARSH, HARRY BOWMAN, Secretary, The Sanborn & Marsh Electric Co.; res., 1131 North Illinois St., Indianapolis, Ind. Mar. 28, 1900

MARSHALL, CLOYD, *E.E.*, Engineer, Universal Exposition, St. Louis, Mo. Apr. 25, 1900

MARSHALL, NORMAN, President and Manager, Marshall-Sanders Co., 301 Congress St., Boston, Mass. Aug. 22, 1902

MARSHALL, FREDERICK JOSEPH, City Electrician, The Corporation of the City of Kamloops, Kamloops, B. C. Sept. 25, 1903

MARTIN, FRANK, Electrician, University Power Co., 4 South Edwards, Princeton, N. J. Oct. 21, 1890

MARTIN, JOHN, Agent, Stanley Electric Mfg. Co., 69 New Montgomery St., San Francisco, Cal. July 27, 1898

MARTIN, LEWIS GEORGE, Electrical Engineer, The Okonite Co., Ltd., 253 Broadway, New York City. Apr. 23, 1903

MARTIN, SIDNEY B., General Manager, Pittsburg Construction and Eng'g Co.; res., 236 Dinwiddie St., Pittsburg, Pa. Nov. 21, 1902

MARTIN, T. COMMERFORD, (*Past-President*) Editor, *The Electrical World and Engineer*, 114 Liberty St., New York City. Apr. 15, 1884

MASON, HOBART, *B.S.*, *E.E.*, Electrical Engineer, New York New Jersey Teleph. Co., 81 Willoughby St., Brooklyn, N.Y. June 28, 1901

MASSON, CHARLES MICHAEL, 824 West Lake Ave., Los Angeles, Cal. Dec. 19, 1903

MASSON, RAYMOND S., Consulting Electrical Engineer, 232 Crocker Building, San Francisco, Cal. Apr. 26, 1899

MASTERS, ARTHUR HENRY, Representative of Westinghouse, Church, Kerr & Co.; res., 6213 Howe St., Pittsburg, Pa. Jan. 23, 1903

MATEER, ROSS BOOK, Engineering Department, Denver Gas & Electric Co.; res., 1427 Clarkson St., Denver, Colo. Jan. 23, 1903

MATHER, EUGENE HOLMES, Manager, Cumberland Ill. Co.; Treasurer, Portland Lighting and Power Co., Portland, Me. Apr. 28, 1897

MATTHEWS, CHARLES P., Associate Professor, Electrical Engineering, Purdue University, Lafayette, Ind. May 16, 1893

MAURO, PHILIP, Counsellor-at-Law, in Patent Causes (Pollock & Mauro), 620 F. St., Washington, D. C. Dec. 21, 1892

MAXIM, HIRAM PERCY, Electric Vehicle Co., Hartford, Conn. Jan. 3, 1902

MAXWELL, ALEXANDER, Assistant Superintendent 3d District, New York Edison Co.; res., 45 West 26th St., New York City. Nov. 20, 1903

MAXWELL, EUGENE, Columbia Improvement Co., 509 National Bank Building, Tacoma, Wash. Aug. 5, 1896

MAXWELL, HOWARD, Designing Engineer, General Electric Co.; res., 832 Union St., Schenectady, N. Y. Apr. 23, 1903

MAYER, MAXWELL M., Maxwell M. Mayer Electric Co., 216 Centre St.; res., 226 East 118th St., New York City. Feb. 27, 1895

MCALLISTER, ADAMS STRATTON, Instructor in Physics, Cornell University; res., 106 Catherine St., Ithaca, N. Y. Mar. 28, 1902

MCBERTY, FRANK R., Telephone Engineer, Western Electric Co., Chicago, Ill.; res., Evanston, Ill. Apr. 26, 1901

MCCARN, GEORGE EASTMAN, Chief Clerk and Head Draftsman, Engineering Dept., Col. Telephone Co., Denver, Col. Mar. 27, 1903

MCCARTER, ROBERT D., JR., Electrical Engineer, General Electric Co., 3 Southgate St., Bath, Eng. May 16, 1899

MCCARTHY, E. D., McCarthy Bros. & Ford, 45 North Division St.; res. 382 West Ferry St., Buffalo, N. Y. Nov. 18, 1896

McCarthy, Francis Alexander, Electrical Engineer, Noyes Bros., Yaralla Chambers, 109 Pitt St., Sydney, N. S. W. June 28, 1901

McClain, Frank Laval, Electric Light and Power Co., Cedar Rapids, Iowa. June 19, 1903

McClaskey, William Tyndale, Manager, Societe Anonyme, Westinghouse, Atacha 32 Madrid, Spain. Sept. 25, 1903

McCleary, Ernest, Manager, McCleary & Colquitt Co., Ltd.; 213 Jefferson Ave., Detroit, Mich. Apr. 23, 1903

McClelland, William, Asst. Engineer, with C. H. Wordingham, 19 Brasenose St., Manchester, Eng. May 19, 1903

McClenathan, Robert, Engineer, with D. M. Osborne & Co.; res., 76 Mary St., Auburn, N. Y. May 16, 1899

McCluer, Chas. P., Electrical Engineer, Townsend-McCluer Engineering Co., 302 Atlantic Building, Norfolk, Va. Apr. 22, 1896

McClure, William J., Associated with H. D. Brown, Electrical Engineers & Contractors; res., 358 W. 55th St., New York City. Apr. 25, 1900

McClurg, W. A., Manager, Electrical Dept., Plainfield Gas and Electric Light Co., 217 West 2d St., Plainfield, N. J. Dec. 20, 1893

McConahey, William M., Electrical Engineer, British Westinghouse E. & M. Co., Ltd., Trafford Park, Manchester, Eng. Sept. 27, 1901

McCoy, John Angus, Supt. of Construction, The New England Teleph. & Tel. Co.; res., 62 Main St., Somerville, Mass. Apr. 23, 1903

McCoy, Walter Ehmsen, Electrical Engineer, The United Electric Light and Power Co., 410 E. 29th St., New York City. May 19, 1903

McCreary, J. L., Constructing Engineer, District Railway Co., Mexico City, Mexico. Feb. 28, 1900

McDonald, Walter D., Salesman, Westinghouse E. & M. Co., 171 La Salle St., Chicago, Ill. Sept. 25, 1903

McDuffee, Edgar Jerome, Assistant Engineer, General Electric Co.; res., 311 Summer St., Lynn, Mass. Apr. 23, 1903

McElroy, James F., Consulting Engineer, Consolidated Car Heating Co., 131 Lake Ave., Albany, N. Y. Nov. 15, 1892

McGrath, William Henry, Electrical Engineer, Houghton Co. Elec. Co.; res., Keweenaw Club, Houghton, Mich. Mar. 28, 1902

McGraw, James H., President, McGraw Publishing Co., 114 Liberty St., New York City; res., Madison, N. J. Sept. 27, 1901

McIntyre, Henry Knox, Assistant, Engineering Department, New York Telephone Co., 15 Dey St., New York City. Sept. 26, 1902

McKay, Marshall Cameron, Assistant Electrical Engineer, Vancouver Power Co., Vancouver, B. C. May 19, 1903

McKelway, George Hubbell, Assistant Electrical Engineer, Brooklyn Heights R. R., Brooklyn, N. Y. Dec. 18, 1903

McKindley, James Lampert, Construction Department, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. June 19, 1903

McLaren, William Frederick, Draftsman, Westinghouse Electric and Mfg. Co., Pittsburg; res., Edgewood Park, Pa. June 19, 1903

McLeary, Samuel Harvey, Student Cornell University; res., 325 Eddy St., Ithaca, N. Y. Nov. 20, 1903

McLellan, William, Partner, Charles H. Merz, Collingswood Buildings, Newcastle-on-Tyne, Eng. May 19, 1903

McLimont, A. W., Engineer, Federal Electric Co., 141 Broadway, New York City. July 26, 1900

McNaier, Joseph Treanor, Electrical Engineer, D'Olier Engineering Co., 119 S. 11th St., Philadelphia, Pa. Dec. 18, 1903

McNARY, CHARLES HERBERT, Assistant Engineer, Edison Electric Co., Los Angeles, Cal. Apr. 25, 1902

McPHERSON, NORMAN CRAWFORD, Engineering Department, Westinghouse E. & M. Co., Pittsburg, Pa. Sept. 25, 1903

McQUILKIN, GEORGE, JR., Electrical Expert, U. S. Navy Department, Quincy, Mass. Dec. 19, 1902

McVAY, H. D., Superintendent, Wichita Telephone Co., Wichita, Kan. Feb. 28, 1900

MEAD, GEORGE ALVIN, Chief Engineer, The Ohio Brass Co., Mansfield Ohio. Sept. 25, 1903

MEADOWS, HAROLD GREGORY, Associate Engineer (Elec.) with Newcomb Carlton, 432 Prudential Building, Buffalo, N. Y. Sept. 23, 1896,

MEARSON, FRANCIS, Solicitor and Estimator, Geneva Electric Co.; res., 41 W. 114th St., New York City. Nov. 20, 1903

MEDBERY, S. C., JR., Electrical Engineer of Stations, Va., Passenger and Power Co., 116 N. 3d St., Richmond, Va. Oct. 24, 1902

MEDINA, FRANK P., Electrician, Pacific Postal Telegraph Co., 878 Geary St., San Francisco, Cal. Sept. 19, 1894

TER MEER, HENRY CHARLES, Electrical Engineer; res., 930 Hudson St., Hoboken, N. J. Feb. 28, 1901

MEES, CARL LEO, President and Professor of Physics, The Rose Polytechnic Institute, Terre Haute, Ind. May 19, 1903

MEGINNISS, FRANCIS REGESTER, Student, Testing Department, General Electric Co.; res., 80 Park St., West, Lynn, Mass. Apr. 23, 1903

MENAUGH, ROBERT, Chief Engineer, Honolulu R. T. & L. Co., res.; 509 Beretania Ave., Honolulu, H. I. Jan. 23, 1903

MERKLE, WILLIAM S., Vice-President Ewing Merkle Electric Co.; res., 2601 Louisiana Ave., St. Louis, Mo. Apr. 23, 1903

MERRILL, BARRETT MORRIS, Electrical Engineer, Puget Sound Electric Railway, Kent, Wash. Apr. 23, 1903

MERRILL, E. A., Manager, New York Office, McIntosh, Seymour & Co., 26 Cortlandt St., New York City. Sept. 20, 1893

MERRILL, JOSEPH F., Professor of Physics and Electrical Engineering, University of Utah, Salt Lake City, Utah. May 21, 1901

MERRILL, JOSIAH L., Electrical Engineer, c/o General Electric Co., 1517 Park Building, Pittsburg, Pa. Sept. 25, 1895

MERRITT, BENJAMIN F., Superintendent Repair Department, New York Telephone Co., 30 Gold St., New York City. Mar. 27, 1903

MERZ, CHAS. H., 28 Victoria St., Westminster, London S. W., and 1 Mosle St., Newcastle-on-Tyne, England. Sept. 25, 1895

MESSICK, CHARLES, JR., Selling Engineer, United Telpherage Co., Room 92, Cotton Exchange, New York City. Dec. 18, 1903

MESTON, CHARLES ROBERT, Vice-President and Superintendent, The Emerson Mfg. Co., 5619 Cates Ave., St. Louis, Mo. May 19, 1903

MEUSCHEL, AUGUST, Supt. Power Houses, The Lachine Rapids Hydraulic & Land Co., Ltd., 160 McCord St., Montreal, P. Q. Mar. 27, 1903

MEYER, HANS S., Electrical Engineer, The British Thomson-Houston Co., Rugby, Eng. July 27, 1889

MEYER, JOHN WILHELM, Foreman of Wiring Inspectors, Edison Electric Light Co., of Philadelphia, Philadelphia, Pa. Apr. 23, 1903

MEYER, JULIUS, Consulting Engineer, 115 Broadway, New York City. Oct. 25, 1892

MEYERS, ALVIN, Engineering Department, The Telluride Power Co., Provo, Utah. Aug. 22, 1902

MICHOD, CHARLES LOUIS, Partner E. H. Abadie & Co., 419 Bank of Commerce, St. Louis, Mo. July 28, 1903

MIDDLETON, A. CENTER, with R. U. Strong, 25 Broad St., New York City. May 16, 1899

MIEHLING, RUDOLPH, Sales Engineer, Northern Electrical Co., 20 Third Ave., Duluth, Minn. Sept. 25, 1902

MILES, J. WALTER, Electrical Engineer, Westinghouse Electric and Mfg. Co., Irwin, Pa. Apr. 25, 1903

MILLAR, PRESTON S., Asst. to Mgr. Lamp Testing Bureau, 80th St. & East End Ave., New York City. Jan. 23, 1903

MILLER, ALPHONSUS JOSEPH, Laboratory Assistant, Western Electric Co., 463 West St., New York City. Mar. 28, 1902

MILLER, ALVIN AUGUSTUS, Salesman, Westinghouse Electric and Mfg. Co., 314 Occidental Ave., Seattle, Wash. Apr. 23, 1903

MILLER, DWIGHT DANA, Salesman, Westinghouse Electric and Mfg. Co., 120 Broadway, New York City. Apr. 25, 1902

MILLER, GEORGE E., Assistant to 2d Vice-President, Westinghouse E. & M. Co., 120 Broadway, New York City. Feb. 28, 1902

MILLER, HERBERT S., Electrical Engineer, Diehl Mfg. Co., res., 1025 E. Jersey St., Elizabeth, N. J. Mar. 22, 1899

MILLER, KEMPSTER B., Engineer Kellogg Switchboard and Supply Co., Congress and Green St., Chicago, Ill. Sept. 28, 1898

MILLER, WALTER H. Manager Record Dept. (Phonograph), with Thomas A. Edison; res., 28 Mt. Vernon St., Orange, N. J. Sept. 27, 1901

MILLER, WM. C., *M.S.*, Electrical Engineer, 3 South Hawk St., Albany, N. Y. Oct. 21, 1890

MINOR, JOHN W., JR., Inspector, Insurance Inspection Bureau, 518 Exchange Building, Denver, Colo. Mar. 27, 1903

MISAKI, SEIZO, Chief Engineer and Superintendent, Hanshin Elec. Railway Co., Nishiumeda-cho, Osaka, Japan. Dec. 27, 1899

MITCHELL, SIDNEY Z., Manager, Tacoma Railway and Power Co., South 14th and A Sts., Tacoma, Wash. Nov. 12, 1889

MIXER, CHARLES ADAM, Civil and Hydraulic Engineer, Rumford Falls Power Co., Rumford Falls, Me. Sept. 25, 1903

MÖLLER, JACOB ALARIC, LEO Engineer, Lambert Schmidt Telephone Mfg. Co., Inc., 85 Maple St., Hoboken, N. J. Nov. 20, 1903

MONEYPENNY, NELSON NORTH, Manager, Special Work Department, Alberene Stone Co., 393 Pearl St., New York City. Mar. 27, 1903

MONRATH, GUSTAVE, Engineer and Superintendent, Grace & Hyde Engineering Co., 7 E. 42d St., New York City. Apr. 26, 1901

MONTAGU, RALPH LECHMERE, Consulting Engineer, Oroville, Butte Co., Cal. Feb. 26, 1896

MOODY, VIRGINIUS DANIEL, General Electric Co.; res., 6 Catherine St., Schenectady, N. Y. Dec. 27, 1899

MOORE, HENRY ALEXANDER, Engineer, The Canadian Bullock Electric Mfg. Co., 200 McKinnon Bldg., Toronto, Ont. June 19, 1903

MOORE, JOHN PEABODY, Engineering Department, Central Illinois Construction Co., Mattoon Ill. Apr. 25, 1900

MOORE, PERCIVAL, Vice-President and General Manager, Louisville & Eastern R. R., Anchorage, Ky. Mar. 27, 1903

MOORE, ROBERT HAWTHORNE, Asst. Electrical Engineer, Mechanical and Electrical Dept., Universal Exposition, St. Louis, Mo. May 20, 1902

MORA, MARIAN LOUIS, General Electric Co., 44 Broad St., New York City. Mar. 20, 1895

MORAN, WILLIAM M., Electrical and Mechanical Engineer, with Townsend Reed, Lebanon, Ind. July 28, 1903

MORAWECK, ALVIN H., Superintendent, The Pittsburg and Allegheny Telephone Co., Pittsburg, Pa. Apr. 23, 1903

MORDEY, WM. MORRIS, Consulting Electrician, 82 Victoria St., Grosvenor Mansions, Westminster, London, Eng. Sept. 22, 1891

MORDOCK, CHARLES T., Superintendent, Lighting and Power Department, Terre Haute Electric Co., Terre Haute, Ind. Sept. 25, 1903

MOREHEAD, J. M., Engineer, Union Carbide Co., 157 Michigan Ave., Chicago, Ill. Mar. 28, 1900

MOREHOUSE, H. H., Morehouse and Morrill, 231 Crossley Building, San Francisco, Cal. Feb. 21, 1894

MORGAN, CARL LEON, With Simplex Electric Co., 110 State St.; res., 25 St. Cecilia St., Boston, Mass. Jan. 24, 1902

MORGAN, GODFREY, General Supt., The Youngstown & Sharon Street Railway Co.; res., Sharon, Pa. Oct. 25, 1901

MORITZ, CHARLES HOLLAND, Construction Engineer, Pittsburg Reduction Co., Niagara Falls, N. Y. Dec. 19, 1902

MORLEY, EDGAR L., Supt. Hatzel & Buehler, 114 Fifth Ave., New York City. Sept. 25, 1895

MORRILL, EDWARD FRANCIS, Engineering Department, The N. Y. & N. J. Telephone Co., 81 Willoughby St., Brooklyn, N. Y. Feb. 28, 1902

MORRILL, WILLIAM CHARLES, Manager, Chas. Morrill, 277 Broadway; res., 24 W. 83d St., New York City. Jan. 23, 1903

MORRIS, GEORGE HALSTEIN, Electric Storage Battery Co., 1519 Marquette Building, Chicago, Ill. May 19, 1903

MORRIS, HARVEY L., Salesman, Northern Electric Mfg. Co., Madison, Wis. Jan. 23, 1903

MORRIS, JOHN WILLIAM, Electrical Superintendent, The Reid Newfoundland Co., St. Johns, Newfoundland. Aug. 22, 1902

MORRISON, J. FRANK, Consulting Engineer, 1201 Calvert Building, Baltimore, Md. Apr. 15, 1884

MORSE, GEORGE GLENN, Testing Department, General Electric Co.; res., 327 Germania Ave., Schenectady, N. Y. Mar. 27, 1903

MORTIMER, JAMES D., Superintendent of Power Department, Tacoma Railway and Power Co., Tacoma, Wash. Mar. 28, 1900

MOSCHKOWITSCH, MEERS S., Preobrazenska, 53, Odessa, Russia. Jan. 9, 1901

MOSES, PERCIVAL ROBERT, *E.E.*, Electrical Engineer, 35 Nassau St.; res., 235 W. 76th St., New York City. Dec. 19, 1894

MOSMAN, CHARLES TYLER, Electrical Engineer, General Electric Co.; res., 1208 Union St., Schenectady, N. Y. May 19, 1903

MOSSCROP, WM. A., *M.E.*, Electrical Engineer, 47 Brevoort Pl., Brooklyn, N. Y. May 7, 1889

MOTT, FREDERICK ALLEN, Testing Department, Keystone Electric Co.; res., 701 Liberty St., Erie, Pa. July 28, 1903

MOTT, FREDERICK RUTHERFORD, Engineer, The Bell Telephone Co., of Missouri, Telephone Building, St. Louis, Mo. Apr. 23, 1903

MOTT-TRILLE RADLEY, Electrical Engineer, United Lumber Co., Cienfuegos, Cuba. Oct. 23, 1803

MOWBRAY, WILLIAM J., Engineer, Brooklyn Edison Co., 14 Rockwell Pl.; res., 272 Classon Ave., Brooklyn, N. Y. Nov. 20, 1903

MUDGE, ARTHUR LANGLEY, Electrical Engineer, York Haven Water & Power Co., York Haven, Pa. Mar. 22, 1901

MUDGE, CHARLES A., Ober-Engineer, Direct Current Railway Department, Allegmeine Electricitats Gesellschaft, Berlin, Ger. Feb. 27, 1903

MULLEN, THOMAS JAMES, Superintendent of Construction, Bullock Electric Mfg. Co.; res., 826 Hathaway St., Cincinnati, O. Mar. 27, 1903

MULLIGAN, WALTER LYON, Assistant Manager, United Electric Light Co., Springfield, Mass. Feb. 28, 1902

MULLIN, E. H., (*Manager*), General Electric Co., 44 Broad St.; res., 1 W. 102d St., New York, N. Y. May 16, 1899

MUNDY, AMBROSE, Salesman, A. B. See Elec. Elev. Co., 220 Broadway, New York City; res., Metuchen, N. J. Jan. 23, 1903

MUNRO, DAVID M., Assistant Inspector Underwriters' Agency, Masonic Building, New Orleans, La. Mar. 27, 1903

MURDOCK, HENRY DELOS, District Engineer, Westinghouse E. & M. Co., 207 Westinghouse Bldg., Pittsburg, Pa. Jan. 23, 1903

MURPHY, EDWIN J., Engineer, Arc Lamp Dept., British Thomson-Houston Electric Co., Rugby, Eng. Mar. 28, 1902

MURPHY, GEORGE R., Engineer, Operating Dept., The Electric Storage Battery Co., 42 Nevada Block, San Francisco, Cal. Apr. 25, 1902

MURPHY, JOHN Z., Chief Engineer, Chicago Union Traction Co.; res., 1948 Lexington St., Chicago, Ill. Sept. 25, 1903

MURRAY, WILLIAM SPENCER, Engineer, Farnum & Murray, 53 State St.; res., "The Wadsworth," Boston, Mass. Jan. 23, 1903

MYERS, FREDERIC WILLIAM, Superintendent of Construction, Standard Underground Cable Co., 74 7th St., Buffalo, N. Y. Sept. 26, 1902

NAGEL, WILLIAM G., President and Manager, The W. G. Nagel Electric Co., 520 Adams St., Toledo, Ohio. Feb. 27, 1903

NAMBA, M., Professor of Electrical Engineering, University of Kioto, Kioto, Japan. Apr. 26, 1899

NAPHTALY, SAM L., Asst. Engineer, San Francisco Gas & Electric Co., 229 Stevenson St., San Francisco, Cal. Aug. 23, 1899

NASH, LUTHER ROBERTS, Electrical Engineer, Stone & Webster, 84 State St., Boston; res., 51 Ellery St., Cambridge, Mass. Mar. 27, 1903

•NAUCLER, REINHOLD, Draftsman, Elektriska A. B. Magnet, Ludvika, Sweden. July 28, 1903

NAYLOR, CHARLES WILLIAM, Mechanical Engineer, Marshall Field & Co., 83 State St.; res., 1592 Lexington St., Chicago, Ill. May 19, 1903

NEALL, NEWITT JACKSON, Electrical Engineer, Westinghouse Electric & Mfg. Co., Pittsburg; res., Edgewood Park, Pa. Oct. 23, 1903

NEAVE, JOSEPH SWAN, Vice-President, Bullock Electric Mfg. Co., Grandin Road, Cincinnati, Ohio. Feb. 27, 1903

NEILSON, JOHN, Larchmont, N. Y. May 18, 1897

NELSON, GEORGE, Student, Georgia School of Technology; res., 304 N. Boulevard, Atlanta, Ga. June 19, 1903

NESBIT, JOSEPH NEWTON GRAY, Professor, Dept. Experimental Engineering, Georgia School of Technology, Atlanta, Ga. Nov. 22, 1901

NESBIT, WILLIAM, Electrical Engineer, Westinghouse E. & M. Co., 11 Pine St., New York City.

NEURATH, MORRIS M., Electrical Engineer, A. & N. Mfg. Co., 165 Broadway, N. Y. Feb. 28, 1900

NEWBURY, F. J., Manager Insulated Wire Department, John A. Roebling's Sons Co., Trenton, N. J. Sept. 23, 1896

NEWELL, FRANK CLARENCE, Consulting Electrical Engineer, Westinghouse Air Brake Co., Pittsburg, Pa. Jan. 3, 1902

NEWELL, FRANK LORD, Electrical and Mechanical Draftsman, Ford, Bacon & Davis; res., Passaic, N. J. Mar. 27, 1903

NEWELL, FREDERICK WILLIAM, Assistant Electrical Engineer, The Otis Elevator Co., Yonkers, N. Y. Nov. 21, 1902

NEWELL, HARVEY EDGAR, India Rubber and Gutta Percha Insulating Co.; res., 101 North Broadway, Yonkers, N. Y. Sept. 25, 1903

NEWMAN, FRED JACOB, Superintendent and Chief Engineer, Woods Motor Vehicle Co., 110 East 20th St., Chicago, Ill. Sept. 27, 1901

NEWTON, SAMUEL OSCAR, North East Electric Light and Power Co., North Pitcher; res., 607 W. Water St., Elmira, N. Y. Sept. 25, 1903

NEXSEN, RANDOLPH HALLIDAY, Electrical Engineer, 34 Beekman St., New York City; res., 302 St. James Pl., Brooklyn, N. Y. Nov. 21, 1902

NICHOLS, CHARLES KETCHAM, Agent, New York Edison Co., 55 Duane St.; res., 706 Union St., Brooklyn, N. Y. Apr. 23, 1903

NICHOLS, LOUIS CHARLES, Electrical Engineer, 2267 Jefferson Ave., South Norwood, Ohio. Feb. 28, 1902

NICHOLSON, CHARLES MARION, Engineer, Test Dept., Bullock Electric Mfg. Co., Cincinnati, Ohio. Jan. 23, 1903

NICHOLSON, SAMUEL L., With Westinghouse Elec. & Mfg. Co., 120 Broadway, New York. July 26, 1900

NICOLL, GEORGE D., 1000-46 Van Buren St., Chicago, Ill. Mar. 27, 1903

NIESZ, HOMER ELDREDGE, Assistant to Second Vice-President, Chicago Edison Co., 139 Adams St., Chicago, Ill. Oct. 25, 1901

NIETHAMMER, FREIDRICH, Professor of Electrical Engineering Technische Hochschule, Brünn, Austria. Feb. 27, 1903

NIMIS, ALBERT A., Electrical Contractor, Nimis & Nimis, 138 East 73d St., New York City. Aug. 13, 1897

NISTLE, GEORGE W., Secretary, Illinois Engineering Laboratory, 319 Manhattan Buiildng, Chicago, Ill. Dec. 19, 1902

NOBLE, GROVER CHESTER, Assistant in Electrical Engineering, University of California, Mechanics' Building, Berkeley, Cal. Dec. 19, 1902

NOCK, GEO. W., General Manager, H. D. & H. H. R. R., Danbury, Conn. Aug. 5, 1899

NOE, JAMES BRYAN, The New York Edison Co., 55 Duane St., New York City; res., 29 Elm St., Elizabeth, N. J. June 19, 1903

NOEGGERATH, JACOB EMIL, Engineer General Electric Co.; res., 409 Union St., Schenectady, N. Y. Mar. 27, 1903

NORDWALL CHARLES FLESCH DE,, Manager of the Export Department, Allgemeine Elektricitats-Gesellschaft, Berlin, Ger. Sept. 27, 1892

NORRIS, HENRY HUTCHINSON, Assistant Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. Feb. 27, 1903

NORTH, GILBERT, Electrical Engineer, British Westinghouse E. & M. Co.; Trafford Park, Manchester, Eng. Sept. 25, 1903

NORTHRUP, EDWIN FITCH, The Leeds & Northup Co., 259 N. Broad St., Philadelphia, Pa. Sept. 27, 1901

NOXON, C. PER LEE, Manufacturer, High-Frequency X-Ray Apparatus, Dynamos & Motors, 500 E. Water St., Syracuse, N. Y. Oct. 17, 1894

NOYES, ERNEST HIGH, Manager of Chicago Office, The Pittsburg Reduction Co., 190 Monroe St., Chicago, Ill. Sept. 25, 1903

NUNN, RICHARD J., *M.D.*, 5 York St. East, Savannah, Ga. July 12, 1887

NYHAN, J. T., Superintendent and Electrician, Macon Electric Light and Railway Co., Macon, Ga. Feb. 27, 1895

OAKSHOTT, HERBERT CHARLES GORDON, *M.A.*, Professor of Electrical Engineering, Oxford Tech. College, Grahamstown, S. A. Aug. 22, 1902

OBEAR, GEORGE BARROWS, Instructor in Electrical Engineering, Lowell Textile School, Lowell, Mass. Nov. 20, 1903

O'BRIEN, ALBERT DALLAM, Westinghouse, Church, Kerr & Co., 8 Bridge St.; res., 347 West 14th St., New York City. Nov. 22, 1901

O'DONOVAN, LEO. J., Consulting Engineer, Reis & O'Donovan, 15 Cortlandt St.; res., 268 West 91st St., New York City. Apr. 25, 1902

OFFINGER, MARTIN HENRY, *E.E.*, Secy.-Treas., Van Wagoner-Linn Construction Co., 27 W. 24th St., New York City. Mar. 28, 1900

OFFUTT, ANDERSON, *B.S., E.E.*, Electrician, Underwriters Agency of La. and Miss., New Orleans, La. May 15, 1900

O'HARA, JOHN B., Associate Editor, *Street Railway Journal*, 114 Liberty St.; res., 1977 Seventh Ave., New York City. Jan. 23, 1903

OI, SAITARO, Chief Engineer to the Bureau of Posts and Telegraphs, The Ministry of Communications, Tokyo, Japan. Dec. 28, 1898

OKAMOTO, KEITARO, Chief Engineer, The Hiroshima, Suirioku Denki Kaisha, Hiroshima, Japan. Sep. 25, 1903

OKEY, PERRY, Superintendent, Columbus Municipal Electric Light Plant; res., 89 West Ave., Columbus, Ohio. Apr. 23, 1903

OLDHAM, WILL HAROLD, Draughtsman, Electrical Department, Cambria Steel Co., Johnstown, Pa. Oct. 23, 1903

OLHEISER, WILLIAM WEAVER, General Supt., Eastern Telephone & Telegraph Co., 3d and Federal Sts., Camden, N. J. Apr. 23, 1903

OLIN, EDWIN MASON, Engineer Foreman in charge Testing Department, Westinghouse E. & M. Co., Pittsburg, Pa. Feb. 27, 1903

OLIVETTI, CAMILLO, Ingegnere Industriale, Ivrea, Italy. Oct. 17, 1892

OLMSTED, HARRY WILLIAM, Electrical Inspector, with Fremont Wilson, Hackensack, N. J. May 19, 1903

OOLGARDT, J. J., Electrical Engineer (Foreign Dept.), General Electric Co.; res., Edison Hotel, Schenectady, N. Y. Apr. 25, 1900

ORBELL, ROBERT HUGH, British Westinghouse E. and M. Co., Paines Manor, Pentlow Cavendish, Suffolk, England. May 20, 1902

ORBIN, FRANK, Superintendent, The Pittsburg Bureau of Electricity, 431 Sixth Ave., Pittsburg, Pa. Jan. 23, 1903

O'REILLY, ANDREW J., Supervisor of City Lighting, 1507 Papin St., St. Louis, Mo. Apr. 23, 1903

ORMSBEE, ALEX. F., Electrical Engineer, with N. Y. and N. J. Telephone Co., 81 Willoughby St., Brooklyn, N. Y. June 27, 1895

OSBORNE, GEORGE FREDERICK FOLGER, Lieutenant, Royal Engineers D. A. A. G., Army Headquarters, Simla, Brit. India. Mar. 27, 1903

OSBORNE, LOYALL ALLEN, Manager of Works, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Oct. 18, 1893

OSBORNE, MARSHALL, Engineer, British Thomson-Houston Co.; res., Avon Brae, Elsee Road, Rugby, England. Apr. 25, 1900

O'SULLIVAN, M. J., Superintendent, Electric Light, B. & O. R. R. Co., 4734 Sylvan Ave., Pittsburg, Pa. Mar. 20, 1895

OSWALD, HERMAN HENRY, Student General Electric Co.; res., 306 Lafayette St., Schenectady, N. Y. Nov. 20, 1903

OTTEN, DR. JAN D., Director, Batavia Electrische Tram-Maatschappij, Heerenqracht, 259 Amsterdam, Holland. Nov. 18, 1890

OXER, GEORGE CARROLL, 615 State St., Schenectady, N. Y. July 28, 1903

PACKARD, LEONARD WARREN, Assistant Engineer of Meter Department, res., 25 Beacon Hill Ave., Lynn, Mass. Apr. 23, 1903

PAGE, A. D., Assistant Manager, General Electric Co. Lamp Works, Harrison, N. J. Jan. 19, 1892

PALMER, D. ALONZO, Superintendent, Compania Anonima de Redes Telefonicas de Ponce; Ponce, Porto Rico. Oct. 25, 1901

PALMER, HARRY MITCHELL, Mechanical and Electrical Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

PALMER, WILLIAM HENRY, JR., Electrical Engineer & Asst. to President, N. Y. Transp. Co., 815 8th Ave., New York City. May 20, 1902

PANTER, THOMAS ALFRED, Assistant Electrician, The Niagara Falls Power Co.; res., 481 19th St., Niagara Falls, N. Y. Sept. 25, 1903

PARKE, FREDERIC HUNTINGTON, Engineering Office, Westinghouse Co., Nevsky Prospect No. 11, St. Petersburg, Russia. Jan. 23, 1903

PARKE, ROBERT AUGUSTUS, Special Agent, Westinghouse Air Brake Co., 634 Endicott Building, St. Paul, Minn. Jan. 23, 1903

PARKE, RODERICK J., Consulting Electrical Engineer, 409 Temple Bldg., Toronto, Can. July 26, 1900

PARKER, CAPT. CHARLES FOSTER, In charge Instruction of Electrician Sergeants, Fort Totten, Willets Point, N. Y. May 19, 1903

PARKER, HERSCHEL C., Instructor in Physics, Columbia University, New York City; res., 21 Fort Green Pl., Brooklyn, N. Y. Apr. 19, 1892

PARKER, HOMER CHARLES, Salesman J. Martin & Co., New Montgomery, St.; res., 1601 Taylor St., San Francisco, Cal. Sept. 25, 1903

PARKER, IRVING, Electrical Inspector, Pierce Richardson and Neiler, 1410 Manhattan Building, Chicago, Ill. Mar. 27, 1903

PARKER, LINDSAY R., 345 State St., Brooklyn, N. Y. Sept. 27, 1901

PARKHURST, CHARLES WILLIAM, Superintendent of Electrical Department, Cambria Steel Co., Johnstown, Pa. Sept. 27, 1901

PARKS, COLEMAN CLYDE, Draughtsman, Electrical Dept., Homestead Works of Carnegie Steel Co., Munhall, Pa. Oct. 23, 1903

PARMLY, C. HOWARD, *S.M., E.E.*, College of the City of New York, 17 Lexington Ave., New York City. Feb. 21, 1893

PARODI, HIPPOLYTE, Electrical Engineer, Francaise Thomson-Houston, 10 Rue de Londres, Paris, Prance. Sept. 26, 1902

PARRY, EVAN, Engineer H. F. Parshall, Salisbury House, London Wall, London, Eng. Sept. 25, 1895

PARSELL, HENRY V. A., Electricel and Mechanical Designing and Experimental Work, 129 W. 31st St., New York City. Nov. 12, 1889

PARSHALL, AUGUST, Commercial Engineer, Supply Dept., General Electric Co., 44 Broad St., New York City. Oct. 24, 1900

PATTERSON, GEORGE WASHINGTON, JR., Junior Professor of Electrical Engineering, University of Mich., Ann Arbor, Mich. Sept. 27, 1901

PATTERSON, HAROLD D., Superintendent, with Max Osterberg, 11 Broadway, New York City. Mar. 27, 1903

PATTISON, HUGH, Electrical Engineer, Westinghouse, Church, Kerr & Co., 10 Bridge St.; New York City. Sept. 25, 1903

PAULY, KARL ALMON, Engineer, General Electric Co.; res., 1 Division St., Schenectady, N. Y. May 19, 1903

PAYNE, ALBERT EDWARD, The Creaghead Engineering Co., of Cincinnati, 500 East 5th St., Cincinnati, Ohio. Mar. 27, 1903

PEARSON, FREDK. J., With D. H. Burnham, 1142 Rookery Building Chicago, Ill. July 27, 1898

PEARSON, JOHN, Superintendent St. Croix Power Co., Somerset, Wis. Sept. 26, 1902

PEASE, HAROLD CHILDS, Engineer General Electric Co.; res., 820 Union St., Scherectady, N. Y. Mar. 27, 1903

PEASE, HENRY MARK, Telephone Engineer, The Western Electric Co., No. Woolwich, E., London, Eng. May 19, 1903

PECK, EDWARD F., Manager Lighting and Power Dept., Schenectady Railway Co., 420 State St., Schenectady, N. Y. May 20, 1890

PECK, RANSOM B. W., Electrician in charge Kingsbridge Power Station, Interurban Street Railway Co., New York City. Sept. 25, 1903.

PEIRCE, ARTHUR W. K., Consulting Electrical Engineer to the Consolidated Gold Fields of S.A., Ltd., Germiston, Transvaal. June 27, 1895

PENDELL, CHAS. WILLIAM, Assistant Signal Engineer, G. C. & S. F. Ry., Cleburne, Tex. Nov. 22, 1899

PENNEBAKER, EDWIN PRESTON, 314 North Yakimer Ave., Tacoma, Wash. Jan. 23, 1903

PENTON, CARL TOWNLEY, Chief Electrician American Ship Building Co.; res., 222 Forest St., Lorain, Ohio. Feb. 27, 1903

PERKINS, HENRY A., Professor of Physics, Trinity College; res., 55 Forest St., Hartford, Conn. July 28, 1903

PERKINS, JAY H., General Superintendent, Youngstown Consolidated Gas and Electric Co., Youngstown, Ohio. Nov. 21, 1902

PERRY, CHARLES LANGDON, Designing Engineer, General Electric Co.; res., No. 1 State St., Schenectady, N. Y. Mar. 27, 1903

PERRY, FRANKLIN SANBORN, Erecting and Installing Engineer, Pittsburg Engineering Co., 207 Lewis Block, Pittsburg, Pa. Jan. 23, 1903

PERRY, JAMES WILLIAM, Manager Electric Department, H. W. Johns-Manville Co., 100 William St., New York City. Apr. 23, 1903

PERRY, LESLIE LAWRENCE, Electrical Engineer, with F. S. Pearson, 29 Broadway, New York City. Mar. 27, 1903

PESTELL, WILLIAM, J. G. White & Co., 43 Exchange Place, New York City. Apr. 23, 1903

PETICOLAS, SHERMAN GOODWIN, Westinghouse Electric & Mfg. Co.; res., 1116 South Ave., Wilkinsburg, Pa. Sept. 27, 1901

PETTY, HERBERT CLINTON, Assistant in Sales Department, Crocker-Wheeler Co., Ampere; res., East Orange, N. J. June 19, 1903

PETTY, WALTER M., Superintendent Fire Alarm Telegraph, Rutherford, N. J. May 16, 1893

PFATISCHER, MATHIAS, Chief Engineer, The Electro-Dynamic Co., of Philadelphia, Philadelphia, Pa. Apr. 23, 1903

PFEIFFER, ALOIS, J. J., Engineer, 22a College Hill, London, E., C. Eng. Jan. 24, 1900

PFUND, RICHARD, Engineer, Marconi Wireless Telegraph Co., of America, 27 William St.; res. 601 West 69th St., New York City. Apr. 18, 1893

PHARO, HARRY ALEXANDER, 600 North Ave., Wilkinsburg, Pa. Feb. 27, 1903

PHELON, JOSEPH OLIVER, Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. Mar. 27, 1903

PHELPS, WM. J., Manager, The Phelps Co., Makers Hylo Incandescent Lamp, 33 State St., Detroit, Mich. Mar. 25, 1896

PHILBRICK, B. W., Electrical Engineer for J. J. Astor, Rhinecliff, N. Y. May 15, 1894

PHILLIPS, EUGENE F., President, American Electrical Works, Phillipsdale, R. I. July 13, 1889

PHILLIPS, ELLIS LAURIMORE, Engineer, 45 Broadway; res., 11 West 103d St., New York City. Mar. 28, 1902

PHILLIPS, LEO A., Sanderson & Porter, 52 William St., New York City. Mar. 21, 1894

PHILLIPS, WALTER, Manager, Westinghouse Electricitats Actien Gesellschaft, 19 Jaeger Strasse, Berlin, Germany. Feb. 27, 1903

PICKARD, GREENLEAF WHITTIER, Electrical Engineer, American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. Mar. 27, 1903

PIERCE, ALFRED LAWRENCE, Superintendent, General Manager and E. E. Borough Electric Works, Wallingford, Conn. Mar. 28, 1902

PIERCE, GEORGE ALBERT, JR., Assistant Supt. of Electrical Department, William Cramp & Sons, Philadelphia, Pa. May 19, 1903

PIETSCH. JAMES ANDERSON, Chief Engineer, The San Juan Light and Transit Co., San Juan, Porto Rico. May 19, 1903

PIETCZKER, EZRA JAMES, Salesman, Standard Underground Cable Co., 322 The Rookery, Chicago, Ill. Apr. 23, 1903

PIKLER, ARMIN HENRY, Engineer, Stanley Electric Mfg. Co., Pittsfield, Mass. Mar. 27 1903.

PILLSBURY, CHAS. L., Consulting and Contracting Engineering, 343 Minnesota St., St. Paul, Minn. Aug. 13, 1897

PINSON, EMILE, General Manager Cia Explobadora de las Fuerra Hydro Electricas de San Ildefonso, Mexico City, Mex. June 19, 1903

PIRTLE, CLAIBORNE, Sales Agent for North Carolina, General Electric Co., Greensboro, N. C. Mar. 28, 1902

PITCHER, FRANK HENRY, Chief Engineer, Montreal Water and Power Co., 62 Imperial Building, Montreal, P. Q. June 28, 1901

PIZZINI, ANDREW J., General Manager, Electric Construction Co., of Virginia, Richmond, Va. Aug. 22, 1902

PLUMB, HYLON THERON, Assistant Professor Alternating Currents, Purdue University, West Lafayette, Ind. June 19, 1903

PODLESAK, EMIL, President and Manager, N. J. Eng. & Const. Co., Morristown, N. J. Jan. 23, 1903

POIRIER, ALFRED E., Manager, N. Y. & N. J. Tel. Co., 160 Market St., Newark, N. J., res., 29 W. 21st St., New York City. May 21, 1901

POMEROY, JAMES G., Western Manager, Adams Bagnall Electric Co., 309 Dearborn St., Chicago, Ill. Mar. 27, 1903

POMEROY, LEWIS ROBERTS, Special Representative Railway Dept., General Electric Co., 44 Broad St., New York City. Aug. 22, 1902

POMEROY, WILLIAM D., The Bullock Electric Mfg. Co., Cincinnati, Ohio. Mar. 22, 1899

POPE, HARRY BONFIELD, Switchboard Attendant, Lachine Rapids, Hydraulic & L. Co., 160 McCord St., Montreal, P. Q. Mar. 27. 1903

POPE, HENRY WILLIAM, American Telephone & Telegraph Co., 15 Dey St., New York City. Mar. 23, 1898

POPE, RALPH WAINWRIGHT, Secretary to the American Institute of Electrical Engineers, 95 Liberty St., New York City. June 2, 1885

PORTER, CHARLES HUNTINGTON, Chase-Shawmut Co.; res., 6 Washington St., Newburyport, Mass. Dec. 19, 1902

PORTER, H. HOBART, JR., Sanderson & Porter, 52 William St., New York; res., Lawrence, L. I. Mar. 25, 1896

PORTER, JOHN WILLIAM, Partner, Porter & Berg; res., 960 Flourney St., Chicago, Ill. Mar. 27, 1903

POTT, ARTHUR HENRY, Chief Engineer, Metropolitan Electric Tramways, Ltd:, London, Eng. Nov. 22, 1901

POTTER, CARROLL, Superintendent, Electric Storage Battery Co., 19th St. and Allegheny Ave., Philadelphia, Pa. Sept. 26, 1902

POTTS, LOUIS MAXWELL, Constructing Engineer, Rowland Telegraphic Co., cor. Baltimore and Holliday Sts., Baltimore, Md. Sept. 6, 1902

POWELL, EDWIN BURNLEY, Technician, The New York Edison Co., 38th St. and First Ave., New York City. May 21, 1901

POWELL, PERCY HOWARD, *M.E.*, Bridgeport Brass Co.; res., 157 Coleman St., Bridgeport, Conn. Sept. 25, 1895

POWELSON, WILFRED VAN NEST, Government Inspector, Electrical Appliances; Lieut. U.S.N., Navy Yard, Bklyn., N.Y. Jan. 24, 1900

PRATT, ALEXANDER, Supt. H. R. T. & L. Co.,; res., Matlock Ave., near Pūkoi St., Honolulu, H. T. Jan. 23, 1903

PRATT, ARTHUR C., Electrician, Missouri River Pr. Co., Canyon Ferry, Mont. Jan. 23, 1903

PRATT, CHARLES RICHARDSON, Mechanical Engineer, Marine Engine and Machine Co., Harrison; res., Montclair, N. J. May 19, 1903

PRATT, WILLIAM HEMMENWAY, Designing Engineer, General Electric Co., res., 60 Eastern Ave., Lynn, Mass. Jan. 3, 1902

PRICE, CHAS. W., Editor, the *Electrical Review*, 13 Park Row, New York City; res., 223 Garfield Pl., Brooklyn, N. Y. Sept. 19, 1894

PRICE, EDGAR F., Works Manager, Union Carbide Co.; res., 625 Buffalo Ave., Niagara Falls, N. Y. June 27, 1895

PRICE, HAROLD WILBERFORCE, Demonstrator in Electrical Engineering, School of Practical Science, Toronto, Ont. Dec. 18, 1903

PRICE, JAMES A., Inspector, New York Board of Fire Underwriters; res., 184 27th St., Brooklyn, N. Y. Apr. 23, 1903

PRICE, NORMAN I., General Electric Co.; res., 839 Union St., Schenectady, N. Y. Feb. 28, 1902

PRINCE, FREDERICK WELLES, Superintendent of Construction, Hartford Electric Light Co.; res., 821 Broad St., Hartford, Ct. Oct. 23, 1903

PRINCE, J. LLOYD, The New York Edison Co., New York City; res., 868 Flatbush Ave. (Flatbush Station), Brooklyn, N. Y. Feb. 27, 1895

PROCTOR, THOS, L., Marine Electrical Equipment, 39 Cortlandt St., New York; res., Elmhurst, L. I., N. Y. Apr. 18, 1894

PROSSER, HERMAN A., Manager, De Lamar Copper Refining Works, Cartaret, N. J.; res., Elizabeth, N. J. Jan. 26, 1898

PROUTT, FREDERICK GEORGE, Electrical Engineer, The Memphis Light and Power Co., 46 Tate St., Memphis, Tenn. May 19, 1903

PUPIN, MICHAEL, I., Adjunct Professor in Mechanics, Columbia University; res., 280 North Broadway, Yonkers, N. Y. Mar. 18, 1890

PUTNAM, JOSEPH EDWARD, Assistant on Electrolysis, Engineering Bureau of the City of Rochester, City Hall, Rochester, N. Y. Mar. 27, 1903

PUTT, HARVEY J., Chief Electrical Operator, Manhattan Railway Co., 74th St. and East River, New York City. Mar. 27, 1903

RADLEY, GUY RICHARDSON, Foreman Meter and Testing Dept., Milwaukee Electric Railway and Light Co., Milwaukee, Wis. Sept. 25, 1903

RADTKE, ALBERT AUGUSTUS, Shattuck School, Faribault, Minn. Mar. 28, 1902

RAMSEY, JAMES C., JR., Electrical Engineer, The American Woolen Co.; res., Lawrence, Mass. Apr. 23, 1903

RANDALL, JOHN E., Cleveland Lamp Factory, cor. Mason & Beldon Sts., Cleveland, Ohio. May 7, 1889

RANDALL, KARL CHANDLER, Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

RANDOLPH, L. S., Professor of Mechanical Engineering, Blacksburg, Va. Feb. 21, 1893

RANDOLPH, MERVYN PAUL, District Office Manager, Westinghouse E. & M. Co., 314 Occidental Ave., Seattle, Wash. Jan. 24, 1902

RANKINE, DE LANCY, General Manager, Sec'y and Treasurer, Tonawanda Power Co., 334 Buffalo Ave., Niagara Falls, N. Y. Mar. 27, 1903

RANKINE, WILLIAM B., 2d Vice-President and Manager Niagara Falls Power Co., Niagara Falls, N. Y. Jan. 23, 1903

RANSON, ALLEN EDWARD, Electrical Engineer, Lewiston Water & Power Co., Lewiston, Idaho. Jan. 3, 1902

RAU, OTTO MARTIN, Chief Electrician and Supt., Lighting Dept., Milwaukee Electric Railway and Light Co., Milwaukee, Wis. Feb. 27, 1903

RAY, WILLIAM D., Engineer, 123 Alger Ave.. Detroit, Mich. Sept. 27, 1892

RAYMOND, EDWARD BRACKETT, Electrical Engineer, General Electric Co., Schenectady, N. Y. May 20, 1902

REA, NORMAN LESLIE, Student in Testing Department, General Electric Co.; res., 1 Hamlin St., Schenectady, N. Y. Aug. 22, 1902

READ, ROBERT H., Patent Attorney, General Electric Co., Schenectady, N. Y. Jan. 19, 1892

REED, CHAS. J., Electrician, 3313 N. 16th St., Philadelphia, Pa. Mar. 5, 1889

REED, HARRY D., Superintendent Bishop Gutta Percha Co., 420 East 25th St., New York City; res., Newark. N, J. Sept. 19, 1894

REED, HENRY A., Secretary and Manager, Bishop Gutta-Percha Co., 422 East 25th St., New York City; res., Newark, N. J. June 4, 1899

REED, ROBERT CARTER, Superintendent of Electrical Department, Carnegie Steel Co.; res., Conneaut, Ohio. Apr. 23, 1903

REED, WALTER WILSON, Electrical Engineer, New Plant Citizen's' Electric Light and Power Co., Houston, Texas. Apr. 26, 1899

REGESTEIN, ERNEST ALBRECHT, Instructor, Lehigh University; res., 215 Wall St., South Bethlehem, Pa. May 19, 1903

REGESTER, CHARLES W., Salesman, Westinghouse Electric and Mfg. Co., 171 La Salle St., Chicago, Ill. Dec. 19, 1902

REICH, WILLIAM I., Tester of Dynamos, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. May 19, 1903

REICHENBACH, FREDERICK, Electrician, The Chesapeake and Potomac Telephone Co., Washington, D. C. May 19, 1903

REICHMANN, FRITZ, Cleveland, Ohio. Mar. 23, 1898

REID, CLARENCE ERLE, 1940 5th St., N. W. Washington, D. C. May 19, 1903

REID, EDWIN S., General Supt. and Engineer, National Conduit and Cable Co., Oxford Court, Cannon St., London, Eng. Feb. 26, 1896

REID, WILLIAM, Installing Dept., Kellogg Switchboard and Supply Co., Congress and Green Sts., Chicago, Ill. May 21, 1901

REILLY, HARRY WINNE, 81 Calle de Agiar, Havana, Cuba. Jan. 3, 1902

REILLY, JOHN C., General Supt., N. Y. & N. J. Tel. Co., 81 Willoughby St., Brooklyn, N. Y. Apr. 15, 1884

REMSCHEL, CESAR WILHELM AUGUST, Electrical Engineer, Westinghouse E & M Co., 425 Market St., San Francisco, Cal. Feb. 28, 1902

RENNARD, JOHN CLIFFORD, *A.B., E.E.*, Asst. Chief Engineer, New York Telephone Co., 15 Dey St., New York City. Jan. 16, 1895

RENSHAW, CLARENCE, Electrical Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Aug. 22, 1902

RENSTROM, FRANS OSCAR, Superintendent, The Regla Power Co., Pachuca, Mexico. Feb. 28, 1900

REPLOGLE, JAMES GILLESPIE BLAINE, Electrical Engineer, Blackwood Coal & Coke Co., Blackwood, Va. Oct. 24, 1902

REUTERDAHL, ARVID, President and Chief Engineer, The Reuterdahl Electric Co., Providence, R. I. Nov. 22, 1901

REYNOLDS, EDWARD LANDSDALE, Manager of Pennsylvania Sales Office; The Electric Storage Battery Co., Philadelphia, Pa. May 19, 1903

REYNOLDS, HARRY F., Engineer and Superintendent, Marion Light and Heating Co., 413 Glass Block, Marion, Ind. Mar. 27, 1903

REYNOLDS, LOUIS EMBLEE, Electrical Engineer; res., 524 Towne Ave., Los Angeles, Cal. Mar. 28, 1902

RHODES, FREDERICK LELAND, Electrical Engineer, American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. Mar. 27, 1903

RHODES, HARRY ASP, Chief Engineer, The Colorado Telephone Co., 1447 Lawrence St.; res., 905 14th St., Denver, Colo. Mar. 27, 1903

RIBON, MARTIN GERMAN, Manager, The Mexican Gas and Electric Light Co., Ltd., 7 Santa Clara, Mexico City, Mex. May 19, 1903

RICE, ARTHUR, Engineer, The New York Telephone Co., 30 Gold St.; res., 453 W. 117th St., New York City. Mar. 27, 1903

RICE, ARTHUR LOUIS, Managing Editor, *The Engineer*, Publishing Co., 355 Dearborn St., Chicago, Ill. Oct. 21, 1896

RICE, MARTIN P., Chief of Publication Bureau, General Electric Co., Schenectady, N. Y. May 21, 1901

RICH, DANIEL HENRY, Engineer, North Platte, Nebraska. Mar. 27, 1903

RICH, EDWARD BURWELL, Salesman, Westinghouse Electric and Mfg. Co., 120 Broadway, New York City. June 19, 1903

RICH, FRANCIS ARTHUR, Manager, Woodstock G. M. Co., Karangahake, Auckland, New Zealand. Jan. 20, 1897

RICHARDSON, HARRY WEBB, Engineer in Meter Department, General Electric Co., Lynn; res., Beachmont, Mass. Apr. 23, 1903

RICHARDSON, THOMAS SMITH, Member of Engineering Corps, Denver Gas and Electric Co., Denver, Colo. Mar. 27, 1903

RICHEY, ALBERT S., Electrical Engineer, Indiana Union Traction Co., 213 West 9th St., Anderson, Ind. May 18, 1897

RICHTBERG, HERMANN ANDREAS, Electrical Engineer, Westinghouse Electric & Mfg. Co., Newark Works, Newark, N. J. Sept. 27, 1901

RIDEOUT, ALEXANDER C., *LL.D.*, Consulting Elec. and Mech. Engineer, Rideout & Gage, 101 Randolph St., Chicago, Ill. Aug. 5, 1896

RIPLEY, WM. HOWE, res., 17 W. 123d St., New York City. Feb. 17, 1897

RITCHIE, THOMAS EDWARD, Business Manager, Royce, Ltd.; res., Didsbury, Manchester, Eng. May 20, 1902

RITSCHY, LEWIS JOHN, Assistant Superintendent, Station A, Laclede Gas Light Co., Main St., St. Louis, Mo. Dec. 18, 1903

RITTENHOUSE, WALTER B., Mechanical Engineer, Great Northern Power Co., 315 Providence Building, Duluth, Minn. Sept. 25, 1903

RIVET, ANTOINE RUSH, Financial and Commercial Editor, *Globe-Democrat;* res., 7511 Pennsylvania Ave., St. Louis, Mo. May 19, 1903

ROBB, GEORGE C., Erecting Engineer, Stanley Elec. Mfg. Co., Pittsfield, Mass. Jan. 23, 1903

ROBBINS, CHARLES, Salesman, Westinghouse Electric and Mfg. Co., 120 Broadway, New York City; res., Montclair, N. J. Apr. 23, 1903

ROBBINS, PERCY ARTHUR, Consulting Mech. & Elec. Engineer, De Beers Consolidated Mines Ltd., Kimberley, Cape Colony, S.A. June 19, 1903

ROBERSON, OLIVER R., Electrician, Glen Ridge, N. J. Dec. 20, 1893

ROBERTS, ALLEN DAVIDSON, Electrician, 12½ King St., Kingston, Jamaica, West Indies. Nov. 22, 1899

ROBERTS, SHELDON, Inspector, Columbus Edison Co., res.; 137 W. Goodall St., Columbus, Ohio. Feb. 27, 1903

ROBERTS, THOMAS MAYO, Mechanical Draughtsman and Electrical Engineer, Gen. Elec. Co., 84 State St., Boston, Mass. Dec. 19, 1902

ROBERTSON, JAS. MCCALLUM, Superintendent, Power Department, Montreal Light, Heat and Power Co., Montreal, P. Q. Apr. 26, 1901

ROBINSON, ALMON, Webster Road, Lewiston, Me. Sept. 6, 1887

ROBINSON, ARTHUR L., Manager, Eclipse Mine, Auburn, Placer Co., Cal. May 15, 1900

ROBINSON, DWIGHT PARKER, Assistant General Manager, The Seattle Electric Co., 907 First Ave., Seattle, Wash. Sept. 25, 1895

ROBINSON, FRANCIS GEORGE, With Interurban Railway Co.; res., 312 West 113th St., New York City. Nov. 21, 1894

ROBINSON, GEO. P., Pacific States Telephone and Telegraph Co., 216 Bush St., San Francisco. May 16, 1899

ROBINSON, JOHN KNOWLTON, Agent, West Coast of South America, Westinghouse Elec. and Mfg. Co., Iquique, Chili, S. A. Sept. 26, 1902

ROBINSON, LAFOREST GEORGE, Engineer and Inspector in charge of Terminal Station, Shawinegan W. P. Co., Montreal, P. Q. Feb. 27, 1903

ROCHE, PERCY, Electro Manganese Co., Ltd., Shawinigan Falls, P. Q. Mar. 27, 1903

ROCKWOOD, DWIGHT CARRINGTON, Electrical Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Mar. 22, 1901

RODGERS, ASHMEAD GRAY, Assistant Superintendent, The Carborundum Co., Niagara Falls, N. Y. Sept. 27, 1901

ROEBLING, FERDINAND W., Manufacturer of Electrical Wires and Cables, Trenton, N. J June 8, 1887

ROEDING, HENRY ULRICH, Sales Engineer, Jno. Martin & Co., 691 New Montgomery St., San Francisco, Cal. Sep. 25, 1903

ROEHL, CHARLES EDWARD, Electrical Engineer, Brooklyn Rapid Transit Co., 168 Montague St., Brooklyn, N. Y. Jan. 23, 1903

ROETTINGER, ED. MARSH, Night Foreman Test Department, Bullock Electric Mfg. Co., Cincinnati, Ohio. Feb. 27, 1903

ROGERS, JOHN JAMES ROBERT CHARLES, Electrical Engineer, Lighting Station, Yaralla Concord, Sydney, N. S. W. May 19, 1903

ROGERS, NELSON W., Electrician, Cooper-Hewitt Laboratory, Madison Square Garden Tower, New York City. May 21, 1901

ROLF, ARTHUR F., Sales Engineer, Bullock Electric Mfg. Co., St. Paul Building, New York City. Feb. 27, 1903

ROOKE, THOMAS, Resident Engineer, Messrs. Preece & Cardew, Town Hall, Sydney, N. S. Wales. Jan. 23, 1903

ROPER, DENNEY W., Electrical Engineer, Chicago Edison Co., 139 Adams St., Chicago, Ill. June 6, 1893

RORTY, MALCOLM CHURCHILL, Assistant to Traffic Engineer, American Tel. and Tel. Co., 125 Milk St., Boston, Mass. Mar. 27, 1903

ROSEBRUGH, THOMAS REEVE, Professor of Electrical Engineering, University of Toronto, Toronto, Ont. June 26, 1891

ROSENBAUM, WM. A., Attorney in Patent Cases, Nassau-Beekman Building, 140 Nassau St., New York City. Jan. 3, 1889

ROSENBERG, E. M., *M.E.*, 138 W. 85th St., New York City. Oct. 21, 1890

ROSENBLATT, GIRARD B., Engineering Student, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Mar. 27, 1903

ROSENBUSCH, GILBERT, Royal Societies Club, London, Eng. Sept. 28, 1898

ROSENQUEST, EUGENE H., President and General Manager, the Bronx Gas and Electric Co., Westchester, N. Y. Mar. 27, 1903

ROSENTHAL, LEON WALTER, Electrical Engineer, Columbia University; res., 240 West 137th St., New York City. Aug. 22, 1902

ROSS, TAYLOR WILLIAM, Newport News Shipbuilding and Dry Dock Co.; res., 3114 West Ave., Newport News, Va. Mar. 25, 1896

ROSSI, HAROLD J., San Marten Texmelucan, Ede Pueblo, Mexico. Oct. 24, 1900

ROSSMAN, JAMES G., President B. R. Electric Co., 52 Peachtree St., Atlanta, Ga. Sept. 25, 1903

ROUGH, GEORGE CRUIKSHANK, Manager Eastern Office, The Packard Electric Co., Ltd., Montreal, P. Q. Apr. 23, 1903

ROWE, BERTRAND PERRY, Detail Engineering Office, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Oct. 20, 1903

ROWE, GEORGE CLARENCE, Electrical Engineer, Cia de Electridad de Cuba, Aguiar 81, Havana, Cuba. Feb. 27, 1903

ROWLAND, ARTHUR JOHN, Professor of Electrical Engineering, Drexel Institute; res., 4510 Osage Ave., Philadelphia, Pa. Sept. 19, 1894

ROWLAND, HERBERT RAYMOND, Engineering Department, Philadelphia Rapid Transit Co., Philadelphia, Pa. Sept. 26, 1902

ROYSE, WALTER A. President Rovse & Batley, 16 E. Market St., Indianapolis, Ind. May 19, 1903

RUCKER, BENJAMIN PARKS, Electrical Designer and Draftsman, Westinghouse E. & M. Co., Pittsburg, Pa. July 28, 1903

RUCKGABER, ALBERT FELIX, Rapid Transit Subway Construction Co., Park Row Building, New York City. Nov. 22, 1901

RUEBEL, ERNST, Engineer, Ruebel Schwettmann Wells, 301 Chemical Building; res., 4649 Cottage Ave., St. Louis, Mo. Apr. 23, 1903

RUFFNER, CHARLES SHUMWAY, Electrician, The Telluride Power Co.; res., Telluride, Colo. Feb. 28, 1902

RUFO, HENRY NIMIS, Traffic Department, The New York and New Jersey Telephone Co., 18 Cortlandt St., New York City. Mar. 27, 1903

RUGG, WALTER S., Engineer, Westinghouse Elec. & Mfg. Co., 11 Pine St.; res., 225 W. 83d St., New York City. Mar. 28, 1902

RUSHMORE, SAMUEL W., Proprietor, Rushmore Dynamo Works, 629 South Ave., Plainfield, N. J. Mar. 28, 1903

RUSSEL, EDGAR, Captain Signal Corps, U. S. A., War Department, Washington, D. C. Nov. 22, 1901

RUSSELL, GEORGE WILLIAM, JR., Electrical Engineer and Contractor, Russell & Co., 500 5th Ave., New York City. Jan. 23, 1903

RUSSELL, H. A., Sales Agent, General Electric Co., res.; 302 Laurel St., San Francisco, Cal. Nov. 22, 1899

RUSTIN, HENRY, Chief Electrical and Mechanical Engineer of World's Fair, St. Louis, Mo. Oct. 24, 1900

RUTHERFOORD, BRABAZON, Electrical Engineer, The Allegheny County Light Co.; res., 6327 Howe St., Pittsburg, Pa. July 25, 1902

RYAN, WALTER D'ARCY, Engineer, General Electric Co., Lynn, Mass. Jan. 24, 1902

RYDER, M. P., Supt. of Bronx Dist., New York Edison Co., 140th St. and Rider Ave., New York City. May 21, 1901

RYERSON, WM. NEWTON, Supt. Substations, Manhattan Railway Co., 215 W. 100th St., New York City. Aug. 23, 1899

RYPINSKI, MAURICE CHARLES, Superintendent of Factory, Empire Electrical Instrument Co., 654 Hudson St., N. Y. City. Mar. 27, 1903

SACCAGGIO, PIETRO CELESTINO, Leading Draftsman, Estacion Tallero (F. C. Sud), Dept. Locomotora, Buenos Aires, A. R. June 19, 1903

SAGE, DARROW, with J. E. Lewis, Ruggery Building, Columbus, Ohio. Sept. 27, 1901

SAGE, FREDERICK BRITTAIN, Room 1302 Havemeyer Building, New York City. May 21, 1901

SAHULKA, DR. JOHANN, Docent of Electrotechnics, Technische Hochschule Vienna, Austria. Dec. 20, 1893

SAMMETT, MATTHEW ALEXANDER, Electrical Engineer, Lachine Rapids Hyd. & Land Co., 160 McCord St., Montreal, P. Q. Mar. 27, 1903

SAMPSON, GEORGE HENRY, JR., 595 Madison St., Portland, Ore. Dec. 19, 1902

SANBORN, FRANCIS N., 47 Brevoort Pl., Brooklyn, N. Y. Nov. 24, 1891

SANDBORGH, OLOF, ALFRED, Engineer, Westinghouse E. & M. Co., Pittsburg, Pa.; res., East Orange, N. J. Mar. 27, 1903

SANDERSON, EDWIN N., Of Sanderson & Porter, Engineers and Contractors 52 William St., New York City. Oct. 17, 1894

SANFORD, EARL L., Apprentice, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Apr. 23, 1903

SANFORD, GEORGE EDWIN, Electrician, General Electric Co.; res., 19 Hanover St., Lynn, Mass. Apr. 23, 1903

SANGSTER, JOSHUA, Hamilton Electric Light and Cataract Power Co., St. Catharines, Ont. Jan. 23, 1903

SANVILLE, HENRY F., Electric Railway Material, 710 Girard Trust Building, Philadelphia, Pa. Feb. 28, 1901

SARENGAPANI, T. S., Head Draftsman, P. W. Karantattamkndy, Tanjore, Madras, India. Mar. 27, 1903

SARGENT, HOWARD R., Electrical Engineer General Electric Co., res.; 409 Union St., Schenectady, N. Y. Mar. 25, 1896

SATHERBERG, CARL HUGO, Chief Engineer, The Midvale Steel Co., Nicetown Philadelphia, Pa. Aug. 5, 1896

SAWIN, GEORGE ALFRED, Assistant Engineer, Meter Department, General Electric Co.; res., 41 Market Sq., Lynn, Mass. Apr. 23, 1903

SAWYER, BURTON MANSFIELD, Electrical Engineer, Westinghouse Electric and Mfg. Co.; res., 5811 Rippey St., Pittsburg, Pa. Nov. 20, 1903

SAWYER, WILLETS HERBERT, Engineer, Railway Engineering Department General Electric Co., Schenectady, N. Y. Feb. 28, 1902

SAXELBY, FREDERICK, Electrical Engineer, Bullock Electric Mfg. Co., 220 Broadway, New York: res., East Orange, N. J. June 5, 1888

SAYLOR, FREDERICK ALEXANDER, c/o Charles G. Thrall, 15 O'Reilly St. (Life Member.) Havana, Cuba. Jan. 24, 1900

SCARFE, GEORGE, Division Superintendent, California Gas and Electric Co., Nevada City, Cal. Sept. 25, 1903

SCARLETT, WILLIAM, Supervising Engineer, Eastern Electric Construction Co., of Phil.; res., 133 1st St., Troy, N. Y. July 28, 1903

SCHARF, HENRY WARREN, Engineering Department, Interurban Street Railway Co., 621 Broadway, New York City. July 28, 1903

SCHIAFFINO, MARIANO L., Chief Electrician, Compania de Luz Electrica, Guadalajara, Mexico. Feb. 28, 1900

SCHILDHAUER, EDWARD, Engineering Department, Chicago Edison Co., 139 Adams St., Chicago, Ill. Nov. 22, 1901

SCHLOSSER, FRED. G., General Manager, Citizen's Light and Transit Co., Pine Bluff, Ark. Sept. 22, 1891

SCHLUEDERBERG, CARL GEORGE, 4203 Fifth Ave., Pittsburg, Pa. July 25, 1902

SCHLUSS, KURT, Electrical Engineer, Tacoma Railway and Power Co., Box 700, Tacoma, Wash. Feb. 27, 1903

SCHMID, ERNEST E., Arc Lamp Expert, General Incandescent Light Co., 51 Perin Building, Cincinnati, Ohio. Mar. 27, 1903

SCHMIDT, CHAS. J., Patent Solicitor, with Charles A. Brown, Attorney, 1450 Monadnock Building, Chicago, Ill. Jan. 9, 1901

SCHMIDT, HENRY FREDERICK, Student, Columbia University; res., 60 West 94th St., New York City. May 20, 1902

SCHMIDT, LAMBERT, President, The Lambert Schmidt Tel. Mfg. Co., 85 Maple St., Weehawken, N. J. Nov. 22, 1901

SCHMIDT, LOUIS MILTON, Engineer Alternating Department, General Electric Co.; res., 76 New Park St., Lynn, Mass. May 19, 1903

SCHMIDT, WALTER, Mechanical Engineer, Westinghouse Electric and Mfg. Co.; res., 4953 Center Ave., Pittsburg, Pa. Apr. 23 ,1903

SCHMITT, FREDERICK E., Associate Editor, *Engineering News*, 220 Broadway, New York City. Nov. 20, 1903

SCHNUCK, EDWARD FREDERICK, General Superintendent, Arbuckle Bros.; res., 119 E. 19th St., Brooklyn, N. Y. Feb. 27, 1903

SCHÖNHEIDER, RUDOLPH CHARLES, Chicago, Burlington and Quincy R. R.; res., Highwood, Minn. Apr. 23, 1903

SCHOOLFIELD, FRANK ROBERT, Chief Engineer, Baltimore Smelting and Rolling Co., Canton, Baltimore, Md. May 16, 1899

SCHRAMM, ADOLPH WILLIAM, Assistant Professor of Electrical Engineering, University of Penn., Philadelphia. Pa. Apr. 23, 1903

SCHREIBER, HERMAN VICTOR, Chief Engineer, Augusta Railway and Electric Co., Augusta, Ga. Sept. 25, 1903

SCHREIBER, MARTIN, Assisting Engineer, Public Service Corporation of New Jersey, 29 Exchange Pl., Jersey City, N. J. Apr. 23, 1903

SCHRENK, ARNOLD, Tester, General Electric Co.; res., 243 Union St., Schenectady, N. Y. June 19, 1903

SCHUCHARDT, RUDOLPH FREDERICK, Electrical Engineer in Testing Laboratory, Chic. Edison Co., 139 Adams St., Chicago, Ill. Apr. 23, 1903

SCHUETZ, FREDERICK FABER DU FAUR, Student, Stevens Institute of Technology, Hoboken; res., Newark, N. J. Mar. 27, 1903

SCHUM, CHAS. H., Electrical Engineer, Storey Motor and Electric Co., Harrison, N. J.; res., 216 3d Ave., New York City. Feb. 23, 1898

SCHURIG, EDWARD F., City Electrician, The City of Omaha, 306 City Hall, Omaha, Neb. Apr. 26, 1899

SCHWAB, MARTIN C., Electrical Engineer, with Northern Electric Co., 15 South St.; res., 1729 Madison Ave., Baltimore, Md. Nov. 18, 1896

SCHWABE, WALTER P., Supt. Rutherford Dist., The Gas and Electric Co., of Bergen Co., Rutherford, N. J. May 19, 1896

SCHWARTZ, CARL, Electrical Engineer, Chicago Edison Co., 139 Adams St.; res., 1411 Windsor Ave., Chicago, Ill. Feb. 27, 1903

SCHWARZ, ELMER H., Electrical Engineer, Board of Patent Control, 120 Broadway, New York City. Dec. 18, 1903

SCHWAUHAUSSER, FREDERICK, JR., Clerk, Charles Beseler Co.; 251 Centre St., New York City. Mar. 27, 1903

SCHWEITZER, EDMUND OSCAR, Testing Laboratory, Chicago Edison Co., 139 E. Adams St.; res., 672 Fullerton Ave., Chicago. Feb. 15, 1899

SCHWENNICKE, PAUL H., Chr. Manager of Berginhe Electric Works; res., 129 Croncuberger Sts., Solingen, Germany. May 19, 1903

SCHWERMER, FELIX THEODOR, Construction Engineer, General Electric Co., Schenectady, N. Y. Feb. 27, 1903

SCOFIELD, EDWARD H., Electrical Engineer Twin City Rapid Transit Co., 2700 Blaisdell Ave., Minneapolis, Minn. May 19, 1903

SCOTT, ARTHUR CURTIS, Professor of Electrical Engineering, University of Texas, Austin, Texas. June 19, 1903

SCOTT, JAMES CROMBIE, Manager Borough Electrical Works, Gore, Otago, New Zealand. July 19, 1903

SCOTT, QUINCY ADAMS, Electrical Engineering Department, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Dec. 19, 1902

SCOTT, ROBERT JULIAN, Professor of Engineering and Electricity, New Zealand University, Christchurch, N. Z. Oct. 24, 1902

SCOTT, WM. M., Electrical Engineer, The Cutter Electric and Mfg. Co., 19th and Hamilton Sts., Philadelphia, Pa. June 23, 1897

SCRIBNER, CHARLES E., Engineer, Western Electric Co., 259 South Clinton St., Chicago, Ill. Mar. 28, 1902

SCRUBY, ROBINETT, Electrician, Western Electric Co.; res., 443 Washington Boulevard, Chicago, Ill. Apr. 23, 1903

SCUDDER, HEWLETT, JR., Wendell Ave. & Douglas Road, Schenectady, N. Y. Nov. 22, 1899

SEABROOK, HENRY HAMILTON, Office, Westinghouse E. & M. Co., Continental Trust Building, Baltimore, Md. Jan. 24, 1902

SEAMAN, EDWIN HOPKINS, Student, Polytechnic Institute, Brooklyn; res., Wantagh, Long Island, N. Y. Mar. 27, 1903

SEAMAN, JOSEPH B., Chief of Testing Dept., Philadelphia Electric Co., 122 Arch St., Philadelphia, Pa. May 19, 1903

SEARING, LEWIS, Vice-President and General Manager, Denver Engineering Works, Co., 901 East Tenth Ave., Denver, Colo. Apr. 3, 1888

SEARLES, A. L., Electrical Engineer, Fort Wayne Electric Works, 222 Houseman Building, Grand Rapids, Mich. Apr. 18, 1894

SEDGWICK, C. E., Agent, Fort Wayne Electric Works, 623 Marquette Building, Chicago, Ill. Feb. 23, 1898

SEE, ALONZO B., A. B. See Electric Elevator Co., 220 Broadway, New York City; res., Lake Mahopac, N. Y. Jan. 17, 1893

SELDEN, ANDREW KENNETH, JR., Assistant Engineer, Crocker-Wheeler Co., Ampere; res., East Orange, N. J. Apr. 23, 1903

SEMENZA, GUIDO, Chief Electrical Engineer, Italian Edison Co., of Milan 4 Via Paleocapa, Milan, Italy. May 20, 1902

SEMPLE, BERT ERNEST, Meter Expert, General Electric Co.; res., 408 East 43d St., Chicago, Ill. Nov. 21, 1902

SENSTIUS, SEBASTIAAN, Electrical Engineer, Bullock Electric Mfg. Co. Cincinnati, Ohio. Feb. 27, 1903

SERRELL, LEMUEL WM., Mechanical and Electrical Engineer, 99 Cedar St., New York City; res., Plainfield, N. J. Nov. 1, 1887

SESSIONS, EDSON OLIVER, Sales Engineer, Stanley E. Mfg. Co., Monadnock Block, Chicago, Ill. Mar. 28, 1902

SESSIONS, FRANK LORD, Mechanical and Electrical Engineer, The Jeffrey Mfg. Co., Columbus, Ohio. Nov. 21, 1902

SESSIONS, WALTER SAMUEL, Operator, The Pacific Electric Railway Co.; res., 618 So. Bonnie Brae St., Los Angeles, Cal. Sept. 25, 1903

SHAAD, GEORGE CARL, Instructor in Electrical Engineering Department, University of Wisconsin, Madison, Wis. Feb. 27, 1903

SHAFFNER, S. C., Supt. and Electrician, Electric Lighting Co., of Mobile, 305 St. Anthony St., Mobile, Ala. Aug. 13, 1879

SHARP, CLAYTON HALSEY, Test Officer, Lamp Testing Bureau, 80th St. & East End Ave., New York City; res., Newark, N. J. Feb. 28, 1902

SHARP, FREDERICK BASSETT, Manager, The Liberty Light and Power Co., Liberty, N. Y. May 19, 1903

SHAW, ALBION WALKER, Electrical Engineer with Stone & Webster, 84 State St., Boston; res., 25 Pierce St., Malden, Mass. Oct. 19, 1902

SHAW, ALONZO BENJAMIN, Electrician, Edison Electric Illuminating Co. of Boston; res., 46 Barry St., Dorchester, Mass. Sept. 25, 1903

SHAW, AUBREY NORMAN, Draftsman, A. B. See Electric Elevator Co.; res., 298 Carlton Ave., Brooklyn, N. Y. Mar. 28, 1900

SHAW, HOWARD BURTON, Professor Electrical Engineering, Missouri State University, Columbia, Mo. Apr. 28, 1897

SHEARER, J. HARRY, Electrical Engineer, National Electric Light Co., Mexico City, Mexico. Jan. 24, 1900

SHELDON, EDWARD ELLIS, Superintendent, F. L. Frost, 47 Hudson Ave., Albany, N. Y. Apr. 25, 1902

SHELDON, SIDNEY ROBEY, Professor of Electrical Engineering, University of Idaho, Moscow, Idaho. Nov. 21, 1902

SHEPARD, ROBERTO R., Erecting Engineer, Mexican General Electric Co., Mexico, Mex. Jan. 24, 1900

SHEPHERD, FRANK ROLAND, Assistant Engineer and Business Manager, Noyes Brothers; res., Roslyn, Dunedin, N. Z. Sept. 25, 1903

SHERWOOD, EDGAR F., Superintendent of Traffic, New York Telephone Co., 122 E. 18th St.; res., East Orange, N. J. Mar. 28, 1902

SHERWOOD, IRVING HOWARD, Electrical Engineer, E. P. Roberts & Co. 603 Electric Building, Cleveland, Ohio. May 19, 1903

SHIPMAN, BENNET CARROLL, Construction Engr., Westinghouse Elec. & Mfg. Co., Montreal, P. Q. Jan. 23, 1903

SHOCK, THOS. A. W., Electrical Engineer, York Haven Water and Power Co.; res., 224 Carlisle Ave., York, Pa. Mar. 20, 1885

SHUSTER, JOHN WESLEY, Instructor in Electrical Engineering, University of Wisconsin; res., 235 W. Gilman St., Madison, Wis. Jan. 3, 1902

SIBLEY, ROBERT, Professor, Mechanical Engineering Department, University of Montana, Missoula, Mont. Oct. 23, 1903

SIEBERT, ALGERNON T., Experimentalist, Pyro Electric Co., 162 Alden St., Orange, N. J. May 20, 1902

SIEGFRIED, JOSEPH HENRY, Union Electric Light and Power Co., St. Louis, Mo. Nov. 20, 1903

SIGOURNEY, WILLARD HENRY, Assistant in Electrical Laboratory, Pratt Institute, Brooklyn, N. Y. Mar. 27, 1903

SILVER, EARL D., Student, Purdue University, 1806 Arrow Ave., Indianapolis; res., 212 North St., West Lafayette, Ind. May 19, 1903

SIMON, ARTHUR, Electrical Engineer, Cutler-Hammer Co., 309 21st St., Milwaukee, Wis. Sept. 25, 1903

SIMONS, IÖN, City Electrician, Charleston, S. C. June 19, 1903

SIMONTON, MARK, General Manager and Treasurer, the Electric Supply and Construction Co., Columbus, Ohio. Mar. 27, 1903

SIMPSON, ALEXANDER B., Electrical Engineer, 126 E. 41st St., New York City. May 21, 1891

SIMPSON, ERNEST LEE, Electrical Engineer, The Mexican Gas and Electric Light Co., Santa Clara, No. 7, Mexico, Mex. Sept. 27, 1901

SIMPSON, J. MANLEY, Minneapolis Steel and Machinery Co., Minneapolis, Minn. Jan. 25, 1899

SIMPSON, THOMAS T., Gen. Supt., The Capital Power Co., Ltd., Deschenes, Que. Jan. 23, 1903

SIMPSON, WILL HOSEA, Traffic Chief, Western Union Telegraph Co., Denver, Colo. Mar. 27, 1903

SINCLAIR, ANGUS, Editor and Publisher, *Railway and Locomotive Engineering*, 174 Broadway, New York City. Dec. 18, 1903

SINCLAIR, JOHN J., Engineer, Westinghouse E. & M Co., Pittsburg, Pa. Jan. 23, 1903

SINCLAIR, LINDLEY EDGAR, General Superintendent, Potomac Electric Power Co.; res., 3318 O St., Washington, D. C. July 28, 1903

SISE, CHARLES F., President, Bell Telephone Co., of Canada, Montreal, Can. June 8, 1887

SKELDING, ARTHUR BERTRAM, General Manager, Consolidated Railways Light and Power Co., Wilmington, N. C. June 19, 1903

SKIRROW, JOHN F., Electrician, Postal-Telegraph Cable Co., 253 Broadway, New York City; res., East Orange, N. J. Sept. 25, 1895

SLADE, ARTHUR L. *Ph.D.*, Mechanical Engineer, Grand Central Station, New York City; res., 47 E. 58th St., New York City. Sept. 19, 1894

SLATER, FREDERICK R., Electrical Engineer, 2415 Park Row, Building New York City; res., 14 Arthur St., Yonkers, N. Y. Oct 17, 1894

SLOAN, JAMES RICHARD, Electrician, Motive Power Dept., P. R. R., Altoona, Pa.: res., 607 West 61st Pl., Chicago, Ill. Feb. 28, 1902

SLOANE, THOMAS O'CONOR, JR., Assistant in Electrical Engineering, Columbia University, New Yok City. Oct. 23, 1903

SMETHURST, WILLIAM ARTHUR, Smethurst & Allen, North American Building, Philadelphia, Pa.; res., Washington, D. C. May 19, 1903

SMITH, DOW S., General Superintendent, Brooklyn Rapid Transit Co., Brooklyn, N. Y. July 28, 1903

SMITH, EMOR A., Wire Chief, Southern N. E. Telephone Co.; res., 130 Capitol Ave., Hartford, Conn. Dec. 18, 1903

SMITH, FRANCIS C., Gen. Supt. Harry Alexander, 18 West 34th St.; res., 912 Home St., New York City. Jan. 23, 1903

SMITH, FRANK WARREN, Superintendent, The Cutler-Hammer Mfg. Co., 20 Charles St., Westfield, N. J. Sept. 27, 1901

SMITH, FREDERICK B., Electrical Specialties, 170 Summer St., Boston, Mass. July 26 1900

SMITH, HARRISON ARTHUR, Salesman, General Electric Co., Fowler, Ind. Apr. 23, 1903

SMITH, HAYDEN HOBART, Manager, New York Office, The Thresher Electric Co., 8 Battery Pl., New York City. Dec 19, 1902

SMITH, HOWARD F., Assistant Mechanical Engineer, World's Fair: res., 1121 Whittier St., St. Louis, Mo. Apr. 23. 1903

SMITH, IRVING B., Partner, The Wirt Electric Co., 180 Broadway, New York City. May 15, 1900

SMITH, IRVING WILLIAMS, Electrician, Bishop Gutta Percha Co., 420 E. 25th St.; res., 5 W. 90th St., New York. Jan 9 1901

SMITH, JOSEPH ALLAN, Manager Boston Office, Fort Wayne Electric Works, 518 Exch. Bldg., Boston; res. Newton, Mass. Jan. 23 1903

SMITH, J. BRODIE, General Manager, Manchester Traction, Light and Power Co., 46 Hanover St., Manchester, N. H. Mar. 21, 1894

SMITH, JAMES NORMAN, Electrical Engineer, Lachine Rapids Hydraulic and Land Co., 160 McCord St., Montreal, P. Q. Mar. 27, 1903

SMITH, JOHN HAYS, Engineering Department, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Mar. 27, 1903

SMITH, JULIAN CLEVELAND, Superintendent, Shawinigan Water and Power Co., 1724 Notre Dame St., Montreal, P. Q. Nov. 20, 1903

SMITH, LOUIS CLARENCE, Foreman of Meter Wiremen, etc., Edison Electric Light Co., of Philadelphia; res. Woodbury, N. J. Apr. 23. 1903

SMITH, OBERLIN, President and Mechanical Engineer, Ferracute Machine Co., Lochwold, Bridgeton, N. J. May 19, 1891

SMITH, SAMUEL JAMES, Salesman and Installing Engineer, Crocker-Wheeler Co., 202 North Tryon St., Charlotte, N. C. Oct. 24, 1900

SMITH, SAMUEL NEWTON, President, North Shore Reduction Co., Ltd., of Ontario, 424 Andrus Building, Minneapolis, Minn. Oct. 25, 1901

SMITH, SAMUEL WILLIAM, Stores Department, Montreal Light, Heat and Power Co.; res., 49 Walker St., Montreal, P. Q. Sept. 27, 1901

SMITH, T. JARRARD, Manufacturers and Inventors' Electric Co., 96 Fulton St., New York City; res., Roselle, N. J. Apr. 19, 1892

SMITH, WALTER EUGENE, Electrician, The Unitd States Navy Departtment, Midvale Steel Works, Philadelphia, Pa. Feb. 28, 1900

SMITH, WALTER F., General Manager, United Gas Improvement Co.; res., 2010 Ontario St., Philadelphia, Pa. July 26, 1900

SMITH, WM. LINCOLN, Consulting Electrical and Illuminating Engineer; Concord, Mass. July 18, 1899

SMITH, WILLIAM NELSON, Electrical Engineer, Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City. Mar. 28, 1902

SMITH, WM. STUART, U. S. N., 2538 Dwight Way, Berkeley, Cal. July 26, 1901

SMYTHE, EDWIN HUTCHINSON, Patent Department, Western Electric Co., 259 So. Clinton St., Chicago; res., Freeport, Ill. Apr. 23, 1903

SNOW, JOHN E., Associate Professor in Electrical Engineering Department, Armour Institute of Technology, Chicago, Ill. Mar. 27, 1903

SNYDER, NATHANIEL MARION, County Surveyor for Scotts Bluff Co., Alliance, Nebraska. Nov. 23, 1900

SOLOMON, NATHAN CLARENCE, Assistant Engineer, with Harry Alexander, 25 W. 33d St., New York City. Aug. 22, 1902

SOMELLERA, GABRIEL F., Partner, Salcedo & Co., Mexico, Mex. Apr. 25, 1900

SOREN, TOWNSEND HODGES, Electrical Engineer, General Electric Co., Schenectady, N. Y. Nov. 22, 1901

SOUTHWORTH, MARTIN O., Chief Engineer, Commercial Electric Co., Indianapolis, Ind. Feb. 27, 1903

SOWERS, DAVID W., President, H. W. Dopp Co., 1300 Niagara St.; res., 67 W. North St., Buffalo, N. Y. July 18, 1899

SPAIN, HARRY GUTHRIE, Electrician to Post Office of Colony, Telegraph and Telephone, Georgetown, British Guiana. May 19, 1903

SPALDING, PHILIP LEFFINGWELL, Engineer, The Bell Telephone Co., Philadelphia, Pa. May 20, 1902

SPAULDING, PLINY P., Foreman of Experimental R. R., General Electric Co.; res., 201 Park Ave., Schenectady, N. Y. Mar. 27, 1903

SPEIRS, CHARLES EDWARD, Manager D. Van Nostrand Co., 23 Murray St., New York City; res., 2175 83d St., Brooklyn, N. Y. Dec. 19, 1902

SPELLMIRE, WALTER B., A. W. Wychoff Co., 1723 Farmers Bank Building, Pittsburg, Pa. May 21, 1901

SPENCER, CHAS. J., Electrical Engineer, with N. Y. C. & H. R. R. R. Engineering Dept., New York City. May 21, 1901

SPENCER, FREDERICK FURMON, Assistant Engineer, Mexico General Electric Co. Mexico, Mex. Feb. 27, 1903

SPENCER, FRANK BENJAMIN, with William D. Ball, 1105 Merchants Loan and Trust Building, Chicago, Ill. May 19, 1903

SPENCER, HARRY B., Assistant Engineer, General Electric Co.; res., 423 Summit Ave., Schenectady, N. Y. Mar. 28, 1902

SPENCER, PAUL, Inspector of Electric Plants, United Gas Improvement Co., Broad and Arch Sts., Philadelphia, Pa. Nov. 30, 1897

SPENCER, THEODORE, With Bell Telephone Co., N. E. Cor. 11th and Filbert Sts., Philadelphia, Pa. Mar. 21, 1893

SPENCER, THOMAS, General Superintendent and Designer Helios Upton Co., 1229 Callowhill St., Philadelphia, Pa. May 19, 1903

SPENGEL, HERMANN GEORGE, General Manager, Rand Central Electric Works, Ltd., Johannesburg, Transvaal, S. A. Sept 26, 1902

SPERLING, R. H., Assistant Engineer, British Columbia Electric Railway Co., Ltd., Victoria, B. C. Nov 23, 1898

SPIER, CHARLES L., Vice-President, S. I. Midland R. R. Co., 26 Broadway, New York City. Feb 27, 1903

SPIESE, F P., Secretary, Treasurer and Manager, the Edison Electric Illuminating Co., Tamaqua, Penn. July 26, 1900

SPINNEY, LOUIS BEVIER, Professor of Physics and Electrical Engineering, Iowa State College, Ames, Iowa. May 19, 1903

SPOEHRER, HERMANN, Laboratorian, in charge of Test Room Equipment Department, N. Y. Navy Yard, Brooklyn, N. Y. Sept 27, 1901

SPORBORG, H. N., Electrical Engineer, British Thomson-Houston Co., Rugby Eng. July 25, 1902

SPRONG, SEVERN D., Assistant Engineer of Distribution, The New York Edison Co., 55 Duane St., New York City Mar. 27, 1903

SPURLING, OLIVER CROMWELL, Factory Engineer, Western Electric Co., North Woolwich, Eng. Feb 27, 1903

SPURRIER, JOHN RUDOLPH, The British Westinghouse E. & M Co., 295 Urmston Lane, Stretford, Manchester, Eng. Sep. 25, 1903

SQUIER, GEORGE O., CAPT., *Ph.D.*, U. S. Signal Corps, Headquarters Department of California, San Francisco, Cal. May 19, 1891

STADERMAN, ALBERT LOE, Asst. to Supt. of Equipment, City & Suburban Telegraph Association, Cincinnati, Ohio. June 19, 1903

STAFFORD, REX THOMAS, Foreman, Electrical Construction, Lackawanna Steel Co.; res., 126 Cottage St., Buffalo, N. Y. Nov. 20, 1903

STAHL, TH., Engineer 5 Cours Morand, Lyon, France. Nov. 15, 1892

STAKES, D. FRANKLIN, Electrical Engineer; res., 5372 Morris St. Germantown, Philadelphia, Pa. Jan. 20, 1897

STALBERG, SVEN OLAF, Draftsman, General Electric Co.; res., 81 N Common St., Lynn, Mass. Apr 23, 1903

STANSEL, NUMA REID, Electrician, U. S. Navy Yard; res., 205 London St. Portsmouth Va. Mar. 27, 1903

STARTSMAN, CHARLES WENTWORTH, Sales Department, Crocker-Wheeler Co., Ampere, N. J. June 19, 1903

STECK, ROBERT, Designing Electrical Engineer, Western Electric Co., 259 So. Clinton St.; res., 1520 Wolfram St., Chicago, Ill. Apr. 23 1903

STEELE, J. HERBERT, Draftsman, Bullock Electric Mfg. Co., Cincinnati, Ohio. May 19. 1903

STEELE, WALTER D., Electrical Engineer, with Westinghouse, Church, Kerr & Co., 8 Bridge St., New York City. Apr. 25. 1900

ST. GEORGE, HARRY LUXMOORE, Engineering Staff, Shawinigan Water and Power Co., Montreal, P. Q. Mar. 27, 1903

STEINMETZ, EDWARD GEORGE, Asst. Supt., The Electric Storage Battery Co., 19th St. and Allegheny Ave. Philadelphia, Pa. Sept. 26 1902

STEINMETZ, WILLIAM RENRICK, Construction Engineer, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Apr. 23, 1903

STEPHENS, ARTHUR HARLAN, Engineer, 812 West Mercury St., Butte, Mont. Nov. 21, 1902

STEPHENS, CHARLES EDWIN, Armature Winder and Meter Inspector, British Columbia Electric Ry. Co., Victoria, B. C. Apr. 23, 1903

STERN, MANN, Electrical Engineer, General Electric Co.; res., 138 Glenwood Boulevard, Schenectady, N. Y. Sept. 25, 1903

STERN, PHILIP KOSSUTH, Practising Electrical and Mechanical Engineering, 140 Fulton St., N. Y. Nov. 28, 1900

STERNFELD, ISIDORE, Manager, Electrical Department, G. & O. Braniff & Co., Callé Cadena 19, Mexico, Mex. June 19, 1903

STEUART, WILLIAM, Partner Steuart & Fenn, Auckland, N. Z. June 19, 1903

STEVENS, CABOT, Electrical Engineer, Brooklyn Edison Electric Illuminating Co., 360 Pearl St., Brooklyn, N. Y. June 28, 1901

STEVENSON, EDWARD WILLIAM, Hazard Mfg. Co.; res., 402 South River, Wilkesbarre, Pa. Mar. 27, 1903

STEVENSON, FRANCIS LESLIE, Electrical Engineer, International Harvester Co., Fullerton & Clayborne Aves., Chicago, Ill. Sept. 25, 1903

STEWART, JOHN BRUCE, Superintendent, Electric Plant, Virginia Hot Springs Co., Hot Springs, Va. Aug. 23, 1899

STICKNEY, JOSEPH WHITE, Central Union Tel. Co., Indianapolis, Ind. Mar. 27, 1903

STILWELL, TOM KENNAN PRICE, Assistant Engineer, Alternating Department, General Electric Co., Lynn, Mass. Apr. 23, 1903

STINE, WILBUR M., Professor of Engineering, Swarthmore College, Swarthmore, Pa. May 15, 1894

STITZER, ARTHUR BOWERS, Draftsman, Philadelphia Rapid Transit Co., 9th and Dauphin Sts., Philadelphia, Pa. Oct. 24, 1900

STOCKBRIDGE, GEO. H., Patent Attorney, 120 Broadway; res., 2514 11th [Life Member.] Ave., near 187th St., New York City. May 24, 1887

STOCKWELL, JOSEPH FRANCIS, General Manager, Ontario Telephone Co., cor. West 21st and Bridge Sts., Oswego, N. Y. June 19, 1903

STONE, CHARLES A., With Firm of Stone & Webster, 84 State St., Boston, Mass. May 19, 1891

STONE, CHARLES WATERMAN, Electrical Engineer, General Electric Co.; res., 18 State St., Schenectady, N. Y. Mar. 27, 1903

STONE, CHARLES LEROY, St. Louis Transit Co., St. Louis, Mo. Oct. 24, 1902

STONE, JOSEPH P., Oficina de Talleres, Ferro Carril Oeste de Buenos Aires Estacion Linieres, F. C. O., Buenos Aires, A. R. Dec. 18, 1895

STONE, WILLIAM, Electrical and Lighting Engineer, The Victoria Railway; res., 17 Doona Ave., Melbourne, Victoria. June 19, 1903

STORER, SIMON BREWSTER, Engineer and Salesman, Westinghouse Electric and Mfg. Co., 1902 University Block, Syracuse, N. Y. Apr. 25, 1902

STORKE, HENRY LAURENS, 2d Vice-President, The Empire State Telephone and Telegraph Co., 102 Genesee St., Auburn, N. Y. May 20, 1902

STOUT, JOSEPH SUYDAM, JR., Stout & Co., 25 Broad St.; res., 574 Madison Ave., New York City. Nov. 22, 1899

STOVEL, RUSSEL WELLESLEY, Electrical Engineer, Westinghouse, Church, Kerr & Co., Pittsburg, Pa. Apr. 25, 1902

STOVER, RODERICK, Albuquerque, New Mexico. Aug. 22, 1902

STRASBURGER, EDGAR, Assistant in Cable Department, Western Electric Co., 463 West St., New York City. Mar. 27, 1903

STRAUS, THEODORE E., Electrical Engineer, 13 W. Pratt St., res.; 1213 Linden Ave., Baltimore, Md. Nov. 18, 1896

STRAUSS, HERMAN, A., Consulting Electrical Engineer, Construction Co. of America, Sheyboygan, Wis. Oct. 17, 1894

STREET, GEORGE TATUM, Station Supt., Logan Power Co., Logan, Utah. Dec. 19, 1902

STRONG, JAMES REMSEN, President, The Tucker Electric Construction Co., 35 So. William St., N. Y.; res., Short Hills, N. J. Mar. 22, 1901

STRONG, RUSH PRICE, Asst. Electrician, Southeastern Tariff Assn., 643 Equitable Bldg., Atlanta, Ga. Jan. 23, 1903

STUART, HARVE R., Electrical Engineer, With W. E. & M. Co., Pittsburg; res., 524 Wallace Ave., Wilkinsburg, Pa. Jan. 25, 1901

STUEVE, CARL A. E. G., Electrical Engineer, with C. O. Mailloux, 76 William St., New York City. Apr. 23, 1903

STURDEVANT, CHAS. RALPH, Designing Engineer, The Ohio Brass Co.; res., 179 1st St., Mansfield, Ohio. May 16, 1899

STURGES, WARD LEE, Student, Polytechnic Inst., Brooklyn; res., 16 E. 8th St., New York City. Jan. 23, 1903

STURTEVANT, CHARLES L., Patent Attorney, Atlantic Building, Washington, D. C. Dec. 20, 1893

STUTZ, CHAS. C., Assistant Chief Engineer, Pittsburg Plate Glass Co., Frick Building, Pittsburg, Pa. Mar. 28, 1900

SUDLOW, HARRY, Joseph Hull & Co., Mulberry, Florida. Sept. 27, 1901

SULLIVAN, WILLIAM VAN AMBERG, JR., Mechanical and Electrical Engineer, Washington Building, Seattle, Wash. Jan. 24, 1902

SUMAN, HARRY P., Electrical and Mechanical Engineer, Baltimore Machine & Elevator Works, 603 Water St., Baltimore, Md. Aug. 22, 1902

SUMMERS, LELAND L., Electrical Engineer, 441 The Rookery, Chicago, Ill. Feb. 16 1892

SUTTER, FREDERICK C., Member, Pittsburg Transformer Co., Pittsburg, Pa. Dec. 18, 1903

SWAREN, JOHN WILLIAM, 630 Jackson Boulevard, Chicago, Ill. Apr. 23, 1903

SWEENEY, BAYARD K., Manager of Denver Sales Office, The N. Y. Insulated Wire Co., etc., 708 Equitable Blg., Denver, Col. Mar. 27, 1903

SWEETLAND, RALPH, Electrical Inspector, New England Insurance Exchange, 55 Kilby St., Boston; res., Natick, Mass. Oct. 25, 1901

SWITZER, GEORGE H., Superintendent of Construction, Morgantown Electric and Traction Co., Morgantown, W. Va. Feb. 27, 1903

SWOPE, GERARD, (*Local Secretary*) Manager, Western Electric Co., 810 Spruce St., St. Louis, Mo. Apr. 26, 1899

SYKES, FREDERICK GEORGE, Electrical Engineer, Schenectady Railway Co., Schenectady, N. Y. May 19, 1903

SYKES, HENRY H., Gen. Supt., Southern New England Telephone Co., New Haven, Conn. Oct. 18, 1893

SZUK, GEZA, Chief Engineer, Ganz & Co.; res., Csalogany utcza 52 Budapest II., Hungary. Jan. 3, 1902

TABER, SILAS, 78 South St., Auburn, N. Y. Mar. 27, 1903

TACHIHARA, JIN, Electrical Engineer, Mining Dept., Mitsu Bishi Co., Tokyo, Japan. Jan. 26, 1898

TADA, SHIGEKANE, Electrical Engineer, Imperial Japanese Navy, Takata & Co., 10 Wall St., New York City. Mar. 27, 1903

TAHL, ALFRED ROBERT, Student, Polytechnic Institute; res., 222 Carlton Ave., Brooklyn, N. Y. Apr. 23, 1903

TAIT, FRANK M., Manager, New London, Gas and Electric Co., 29 Main St., New London, Conn. Sept. 19, 1894

TALBOT, RICHMOND, Partner, firm of Sanderson & Porter, 35 William St., New York City; res., Tuxedo, N. Y. July 25, 1902

TAMLYN, WALTER IRVING, Student, Polytechnic Institute; res., 280 Van Buren St., Brooklyn, N. Y. Mar. 27, 1903

TANNATT, EBEN TAPPAN, Managing Civil and Electrical Engineer, The Oahu College Trustees, Honolulu, H. Ty. Nov. 22, 1901

TAPLEY, WALTER H., Electrician in Government Printing Office, care of Public Printer, Washington, D. C. Oct. 25, 1892

TATUM, LEWIS LEEDS, General Storekeeper, Bullock Electric Mfg. Co., Norwood, Ohio. Feb. 27, 1903

TAYLOR, ALBERT, Manager, New York Office, Electric Storage Battery Co., 100 Broadway, New York City. May 21, 1901

TAYLOR, EDWARD R., Manufacturing Chemist Penn Yan, N. Y. Jan. 23, 1903

TAYLOR, FRANK H., Westinghouse Electric & Mfg. Co.; res., 7422 Penn Ave., Pittsburg, Pa. Jan. 3, 1902

TAYLOR, IRVING A., 390 1st St., Brooklyn, N. Y. May 17, 1898

TAYLOR, JEREMY F., Ceno de Pasco Co., Ceno de Pasco, Peru. Dec. 27, 1899

TAYLOR, JOHN B., Railway Engineering Department, General Electric Co., Schenectady, N. Y. Mar. 27, 1903

TAYLOR, NEIL, Senior Partner, Neil Taylor & Co., Hunthill, Coatbridge, Scotland. Apr. 23, 1903

TAYLOR, ROBERT CAMPBELL, Assistant General Superintendent, Brooklyn Heights R.R. Co., 168 Montague St., Brooklyn, N.Y. July 28, 1903

TAYLOR, SAMUEL NEWTON, Professor Western University of Pennsylvania; res., 2206 Perrysville Ave , Allegheny, Pa. Dec. 18, 1903

TEMPLE, WILLIAM CHASE, Consulting Engineer, 1110 Farmers' Bank Bldg.; res., 1090 Shady Ave., Pittsburg, Pa May 3, 1887

TEMPLE, WORRALL E. S., Constructing Engineer, Pocahontas Collieries Co., Pocahontas, Va. Oct. 23, 1903

TEN EYCK, PETER GANSEVOORT, Assistant Engineer of Signals, N. Y. C. & H. R. R. R. Co., 25 E. 48th St., New York City. Dec. 18, 1903

TERRY, ALBERT SLOCOMB, Treas. and Manager, The Sunbeam Incandescent Lamp Co., 463 West St., New York City. Jan. 24, 1902

TERVET, ROBERT, Technical Engineer, Western Electric Co., North Woolwich, London, Eng. Sept. 27, 1901

TESLA, NIKOLA, Electrical Engineer and Inventor, Wardenclyffe, Long Island, N Y. June 5, 1888

THALER, JOSEPH AUKEN, Professor of Electrical Engineering, Montana A. & M., College, Bozeman, Mont. July 28, 1903

THAYER, GEORGE LANGSTAFF, *M.E.*, Electrical Engineer, Weirs Building, Beaumont, Texas. Aug. 5, 1896

THOMAS, ALFRED CLARENCE, Engineer, The New York & New Jersey Telephone Co., 81 Willoughby St., Brooklyn, N. Y. Feb 28, 1902

THOMAS, DAVID RADES, Supt. and Electrical Engineer, Paulius Kill Construction Power and Teleph. Co., Columbia, N. J. Apr. 23, 1903

THOMAS, JOHN WILLIAMS, Construction Engineer, Electric Storage Battery Co., Hokendauqua, Pa. Mar. 22, 1901

THOMAS, PERCY HOLBROOK, Cooper Hewitt Electric Co., 220 W. 29th St., New York City. Oct. 24, 1900

THOMAS, ROBERT MCKEAN, *E.E.*, Member firm of Thomas & Betts, 141 Broadway, New York City. Apr. 22, 1896

THOMPSON, ALFRED J., Crocker-Wheeler Co., 39 Cortlandt St., New York City Jan. 25, 1896

THOMPSON, ERMINE JOHN, 3146 Locust St., St. Louis, Mo. Jan. 25, 1901

THOMPSON, HARRISON GILMAN, JR., Electrician, Bliss Electric Car Lighting Co., 138 Front St., New York City. Feb. 27, 1903

THOMPSON, JOHN WEST, Director, Dept. de Electricidad, Cia Industrial de Guadalajara, Guadalajara, Mexico. Sept. 28, 1898

THOMPSON, MILTON T., Constructing Engineer, Mexican General Electric Co., Mexico, Mex. Jan. 24, 1900

THOMPSON, RALPH FOWLER, Electrical Engineer, The United Power Co., E. Liverpool, Ohio. Apr. 23, 1903

THOMPSON, SILVANUS P., Morland, Chislett Road, West Hampstead, London, N. W., Eng. Oct. 27, 1897

THOMPSON, THOS. PERRIN, Consulting Engineer, Neff & Thompson, Architects and Engineers, Withers Bldg., Norfolk, Va. Jan. 25, 1899

THOMPSON, WALTER LEE, Supt. Battery Dept., New York Transportation Co., 49th St. and 8th Ave., New York City. Mar. 27, 1903

THOMPSON, WARREN RAY, Assistant in Electrical Engineering Department, British Westinghouse Co., London, W.C., Eng. Oct. 24, 1900

THOMSON, CLARENCE, Fred Thomson & Co., 774 Craig St., Montreal, P. Q. May 15, 1900

THOMSON, GEO. ANDROS, Special Agent, The Adams-Bagnall Electric Co., 136 Liberty St., New York; res., Somerville, N. J. Mar. 22, 1901

THOMSON, GEORGE HUNTINGTON, Chief Engineer, American Elevated R. R. Co.; 25 Broad St., New York City. May 20, 1902

THOMSON, WILLIAM I., Assistant Engineer, Safety Car Heating and Lighting Co., New York City; res., Newark, N. J. Mar. 27, 1903

THORNTON, KENNETH BUCHANAN, Supt Line Dept., The Montreal Light, Heat and Power Co., N. Y. Life Bldg, Montreal, P. Q. Apr. 26, 1901

THURBER, GUY PLUMMER, Engineer, Salesman and District Manager, Bullock Electric Mfg. Co., Pittsburg, Pa. Feb. 27, 1903

THURBER, HOWARD F., General Superintendent, New York Telephone Co., 18 Cortlandt St., New York City. Mar. 25, 1896

THURSTON, LOUIS STEWART, General Electric Co., Perin Building, 5th and Race Sts., Cincinnati, Ohio. Aug. 22, 1902

TIDD, GEO. N., Manager, Beacon Light Co., Chester, Pa. July 26, 1900

TILLERY, PAUL ALLEN, Student, V. M. I., Lexington, Va. June 19, 1903

TIMMERMAN, ARTHUR HENRY, Supt. Wagner Electric Mfg. Co., 2017 Locust St.; res., 2633 Park Ave., St. Louis, Mo. Mar. 27, 1903

TINGLEY, E. M., Westinghouse Elec. & Mfg. Co.; res., 431 Shady Ave., Pittsburg, Pa. July 12, 1900

TISCHNER, CHARLES FREDERICK, Draftsman, Townsend & Decker; res., 878 Lafayette Ave., Brooklyn, N. Y. May 19, 1903

TOBEY, HARRY WILLARD, Member Engineering Dept, Stanley Electric Mfg. Co.; res., 40 Oxford St., Pittsfield, Mass. Sept. 27, 1901

TOERRING, C. J., C J. Toerring Co., 19th St. and Allegheny Ave., Philadelphia, Pa. Apr. 18, 1894

TOLMAN, CHARLES PRESCOTT, Asst. Chief Engineer, National Electric Co., Milwaukee, Wis. July 28, 1903

TOLMAN, CLARENCE M., Electrical Engineer, Public Works Co., Bangor, Me. Apr. 27, 1898

TORCHIO, PHILIP, Engineer of Distribution, New York Edison Co., 55 Duane St., New York City. June 27, 1895

TOURET, MAXIME EUGENE JEAN, Consulting Electrical Engineer, 7 Rue Meyerbeer, Paris, France. Jan. 24, 1902

TOWER, GEORGE A., V. P. Tower-Binford Electric and Mfg. Co., 7 South 7th St.; res., 102 West Grace St., Richmond, Va. May 15, 1894

TOWN, FREDERIC E., Construction Dept., Otis Elevator Co., 17 Battery Place; res., 746 St. Nicholas Ave., New York City. May 15, 1900

TOWNE, EDWARD BARNES, Eastern Manager, Burdett Rowntree Mfg. Co., 17 Battery Place, New York City; res., Orange, N. J. Mar. 27, 1903

TOWNLEY, CALVERT, General Agent, Westinghouse Electric and Mfg. Co., 11 Pine St., New York City. Feb. 28, 1901

TOWNSEND, FITZHUGH, Electrical Engineer, 116th St. and Amsterdam Ave.; res., Union Club, New York City. Jan. 20, 1897

TOWNSEND, HENRY C., Attorney and Expert in Electrical Cases, 141 Broadway; res., 354 W. 123d St., New York City. July 10, 1888

TREADWAY, WILLIAM ANDREW, Instructor of Electrical Engineering, The University of Arkansas, Fayetteville, Ark. Dec. 19, 1902

TREADWELL, AUGUSTUS, JR., *E.E.*, 100 Broadway, New York City; res., 488 3d St., Brooklyn, N. Y. Feb. 21, 1894

TREAT, ROBERT BELDEN, Electrical Engineer, Crocker-Wheeler Co., Ampere; res., 214 Dodd St., E. Orange, N. J. Jan. 3, 1902

TRIPIER, HENRI, Technical Engineer of the Societé Francaise d'Incandescence par le Gaz (Systeme Auer.), Paris, France. Sept. 28, 1898

TRIPP, GEORGE BROWN, General Manager, The Colorado Springs Electric Co., Colorado Springs, Colo. Apr. 23, 1903

TRIPP, GEORGE MASON, Assistant Superintendent, British Columbia Electric Railway Co., Victoria, B. C. Dec. 19, 1902

TROTT, A. H. HARDY, Beer, near Axminster, Devonshire, Eng. [Life Member] Jan. 20, 1891

TRUDEAU, J. A. G., 329 Kent St., Ottawa, Can. May 15, 1900

TRUESDELL, ARTHUR E., 50 Brenton Terrace, Pittsfield, Mass. Feb. 15, 1899

TUCKER, ALBERT LINCOLN, In charge Apparatus Sales Dept., Western Electric Co., 259 So. Clinton St., Chicago. May 19, 1903

TURNER, HARRY WINTHROP, Winding and Insulation Specialist, British Thomson-Houston Co., Ltd., Rugby, Eng. Nov. 20, 1903

TURNER, MATHIAS EVERETT, Electrical Engineer, Cleveland Electric Illuminating Co., 711 Cuyahoga Bldg., Cleveland, O. Feb. 27, 1903

TURPIN, MANLY CURRY, Testing Department, General Electric Co., 218 So. 11th St., Philadelphia, Pa. May 19, 1903

TUTTLE, HORACE BURT, Engineering Chemist, 727 Cuyahoga Building, Cleveland, O. Sept. 26, 1902

TYLER, VICTOR MORRIS, Secretary, The Southern New England Telephone Co., New Haven, Conn. Apr. 23, 1903

TYNDALL, CHARLES H., *Ph.D.*, Minister Reformed Church, 137 South Sixth Ave., Mt. Vernon, N. Y. Sept. 27, 1901

TYNG, FRANCIS E., Manager, Eastern Engineering Co., 164 W. 27th St., New York; res., Cranford, N. J. Dec. 28, 1898

UHL, ALBERT, Member of Firm, Uhl & Elliott; res., 517 Edwards St., Shreveport, La. Apr. 23, 1903

UNDERHILL, CHARLES REGINALD, Electrical Engineer, Varley Duplex Magnet Co., Phillipsdale; res., Providence, R. I. Sept. 25, 1903

UNDERWOOD, ALVAH WARD, Electrical Draftsman and Designer, Chatham, N. Y. Mar. 27, 1903

UNDERWOOD, ARTHUR J., Foreman Electrical Department, Triumph Electric Co., 610 Baymiller St., Cincinnati, Ohio. Apr. 23, 1903

UNDERWOOD, LOUIS EDWARD, Designing Engineer, General Electric Co., West Lynn, Mass. Apr. 23, 1903

UNDERWOOD, WALTER H., Foreman Testing Floor, Triumph Electric Co., Cincinnati, Ohio; res., Bellevue, Ky. Apr. 23, 1903

UPP, JOHN W., Engineer in charge Draughting Room, General Electric Co., res., 27 Wendell Ave., Schenectady, N. Y. Mar. 27, 1903

VAIL, THEO. N., 26 Cortlandt St., New York City. Apr. 15, 1884

VALENTINE, WALTER SCOTT, Asst. Engr., Westinghouse Church Kerr & Co., 8 Bridge St., New York City. Jan. 23, 1903

VAN BUREN, GURDON C., Engineering Department, Hudson River Telephone Co.; res., 62 South Hawk St., Albany, N. Y. Oct. 25,1892

VANCE, J. H., Mechanical Engineer, B. F. Goodrich Co.; res., 168 Westwood Ave., Akron, Ohio. Mar. 27, 1903

VAN CLEEF, ELLIOTT EARL, Assistant to Supt. of Construction, Western Electric Co., 463 West St., New York City. Mar. 27, 1903

VANDEGRIFT, JAMES A., Treas. and Manager, The Colorado Lamp Co., 2051 California St.; res., 1960 Grant Ave., Denver, Colo. Nov. 24, 1891

VANDERVEEN, ANTHONY R., Machinist, The South India Railway Co., Holland Road, Negapatam, India. Jan. 9, 1901

VAN DEVENTER, CHRISTOPHER, Stanley Electric Mfg. Co., 15 Monadnock Block, Chicago, Ill. Feb. 17, 1897

VAN DYCK, WILLIAM VAN BERGIN, Electrical Engineer and Contractor; res., 439 Manhattan Ave., New York City. Nov. 22, 1901

VANKIRK, EDWARD POWER, Electrical Engineer, Westinghouse Air Brake Co., Wilmerding, Pa. Jan. 3, 1902

VAN NORDEN, RUDOLPH WARNER, Supt. and Engineer, Central California Electric Co.; res., 1003 K St., Sacramento, Cal. Feb. 27, 1903

VAN SLYCK, C. H., Salesman, General Electric Co., 44 Broad St.; res., 80 Washington Square, E., New York City. Mar. 27, 1903

VAN VLEET, ROY MITCHELL, Chief Electrician, Columbia Iron Works, St. Clair; res., Port Huron, Mich. Mar. 22, 1901

VAN WYCK, PHILIP V. R., JR., New York Telephone Co., 15 Dey St., res., Plainfield, N. J. Apr. 21, 1891

VARNEY, FRANK H., Electrician, San Francisco Gas and Electric Co., 2912 Mission St., San Francisco, Cal. July 26, 1900

VARNEY, WILLIAM WESLEY, City Commissioner of Baltimore, office, City Hall; res., 712 N. Carey St., Baltimore, Md. Nov. 21, 1894

VAUGHAN, JOHN FAIRCHILD, General Engineer, Stone & Webster, 84 State St., Boston; res., 30 Walker St., Cambridge, Mass. Feb. 27, 1903

VENABLE, WM. MAYO, The National Contracting Co., 713 Hennen Bldg., New Orleans, La. Nov. 30, 1897

VESER, LUCIUS OTTO, Logan Power Co., Logan, Utah. Dec. 19, 1902

VIALL, BENJAMIN THOMAS, Construction Engineer, Los Angeles Traction Co.; res., 1052 W. 8th St., Los Angeles, Cal. July 28, 1903

VIEHE, J. S., 716 Board of Trade Building, Boston, Mass. May 15, 1900

VINTEN, ERNEST STILES, Foreman Knob. Dept. Sargent Co.; res., 89 Pearl St., New Haven, Conn. Apr. 27, 1898

VOIT, DR. ERNST., Professor of Electricity, Technical University, Schwanthalerstrasse, Munchen, Germany. Mar. 21, 1894

VOM BAUR, CARL HANS, Electrical Engineer, 18 West 130th St., New York City. Sept. 26, 1902

VON AMMON, SIEGFRIED, Designing Engineer, The British Thomson-Houston Co., Ltd., Rugby, Eng. Apr. 23, 1903

VREELAND, FREDERICK K., 46 E. 21st St., New York City. Oct. 26, 1898

WADDELL, CHARLES EDWARD, Electrician in charge Electrical Dept., Biltmore Estate, Electrical Engineer, W. F. Weaver Power Co., Biltmore, N. C. Apr. 25, 1902

WAGENHALS, EDWARD T., Superintendent, Trenton and New Brunswick R. R. Co., Trenton, N. J. Apr. 23, 1903

WAGONER, PHILIP DAKIN, Commercial Department, General Electric Co., Schenectady, N. Y. Feb. 28, 1902

WAITT, ARTHUR MANNING, Superintendent Motive Power and Rolling Stock, N. Y. C. & H R. R., New York City. June 19, 1903

WAKEMAN, JAMES MEANLEY, Manager, *Electrical World and Engineer*, 114 Liberty St.; res., East Orange, N. J. Feb. 27, 1903

WALKEM, GEORGE ALEXANDER, Electrical and Mechanical Engineer, Vancouver, B. C. Nov 23, 1900

WALKER, FRANK WILKES, Mechanical & Electrical Engr., Babcock & Wilcox, Ltd.; res., 26 Summerhill Ave., Montreal, P. Q. May 21, 1901

WALKER, MILES, Electrical Engineer, The British Westinghouse Electric and Mfg. Co., Ltd., Manchester, Eng. Sept. 27, 1901

WALLACE, CHAS. F., Engineer, Stone & Webster, 84 State St., Boston; res., Wellesley Hills, Mass Nov. 18, 1896

WALLACE, ROSS STRAWN, Supt. Peoria Gas and Elec. Co., Peoria, Ill. Jan. 23, 1903

WALLAU, HERMAN L., Assistant Electrician, Cleveland Elec. Ill Co., 711 The Cuyahoga, Cleveland, Ohio May 15, 1900

WALLER, CHAS. WAITE, Sales Agent, General Electric Co., Claus Spreckels Bldg., San Francisco, Cal Aug. 23 1899

WALLER, EDMUND PUTZEI, Electrical Engineer, General Electric Co.; res., 14 Union St., Schenectady, N. Y. Mar. 27, 1903

WALLS, JOHN ABBET, Assistant Engineer, Shawinigan Water and Power Co.; res., 1724 Notre Dame St., Montreal, P. Q. May 19, 1903

WALMSLEY, WALTER NEWBOLD, 1002 Harrison Bldg., Philadelphia, Pa. Oct. 24, 1900

WALSH, JAMES, Assistant Foreman, Meter Department, General Electric Co.; res., 41 Wall St., Lynn, Mass. May 19, 1903

WALTER, HARRY CASPER, Purdue University; res., 143 Andrew Pl., West Lafayette, Ind. Nov. 20, 1903

WARD, CHARLES ARCHIBALD, Engineering Apprentice, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. Apr. 23, 1903

WARDER, WALTER JAMES, JR., Designing Electric Engineer, Western Electric Co., 242 So. Jefferson St., Chicago, Ill. Apr. 23, 1903

WARDLAW, FRANCIS ANDREW, Electrical Engineer, R. W. Hunt & Co., Pittsburg, Pa. Jan. 23 1903

WARNER, ARTHUR P., Northern Electric Mfg. Co.; res., 4339 Berkeley Ave., Chicago, Ill. Sept. 25, 1903

WARNER, CHAS. H., Consulting Electrical Engineer, 764 Rock St., Fall River, Mass. Dec. 20, 1893

WARNER, RICHARD FRANCHOT, Electrical Engineer, General Electric Co.; Schenectady, N. Y. Jan. 23, 1903

WARREN, ALDRED KENNEDY, Asst. Engr. of Line and Equipment, Brooklyn Heights R. R. Co., 2075 Broadway, Brooklyn, N. Y Nov. 20, 1895

WARREN, FREDERIC AUSTIN, General Electrician, Fuel Department, Colorado Fuel and Iron Co., Trinidad, Colo. June 19, 1903

WARREN, HARRY MUNSON, Electrical Engineer, The Coal Mining Dept., D. L. & W. Railway Co., Scranton, Pa. Mar. 27, 1903

WARREN, HENRY ELLIS, Assistant Engineer, The Lombard-Governor Co., 36 Whittier St., Boston; res., Newton Centre, Mass. Jan. 24, 1902

WARREN, HOWARD SAUNDERS, Electrical Engineer, American Telephone and Telegraph Co., 125 Milk St., Boston, Mass. Mar. 27, 1903

WARREN, WILLIAM HENRY, Electrical Engineer, Western Electric Co., 259 So. Clinton St., Chicago, Ill. Feb. 27, 1903

WASON, CHAS. W., President and Manager, Cleveland, Painesville and Eastern R. R., 616 Garfield Bldg., Cleveland, Ohio. May 19, 1891

WATERMAN, MARCUS B., Assistant Electrician, United Telpherage Co., Westfield, N. J. Feb. 15, 1896

WATERS, EDWARD G., British Thomson-Houston Co., Rugby, Eng. Mar. 18, 1890

WATERS, WILLIAM LAWRENCE, Chief Engineer, National Electric Co., Milwaukee, Wis. Oct. 24, 1902

WATMOUGH, PENDLETON G., JR., Electrical Engineer, 1 Broadway, New York City; res., 32 Stuyvesant Pl., S. I., N. Y. Dec. 18, 1903

WATSON, ARTHUR EUGENE, Assistant Professor of Physics, Brown University, Providence, R. I. July 28, 1903

WATSON, GEORGE HATHON, Paterson, N. J. Feb. 27, 1903

WATSON, KENNETH, Electrical Engineer, General Electric Co., Schenectady N. Y. May 19, 1903

WATTSON, ALONZO SABINE, Electrical Engineer and General Supt. of Electrical Apparatus, So. Penn Oil Co., Pittsburg, Pa. Dec. 19, 1902

WAY, SYLVESTER BEDELL, Superintendent Union Electric Light and Power Co., 1728 Oregon Ave., St. Louis, Mo. Sept. 25, 1903

WAYNE, JACOB LLOYD, 3d., Department Mechanical Engineering, Massachusetts Institute of Technology, Boston, Mass. Jan. 23, 1903

WEBB, HENRY STORRS, International Correspondence Schools; res., 1416 [Life Member] Monsey Ave., Scranton, Pa. Nov. 20, 1895

WEBER, HERMAN RUDOLPH, Asst. Engineer, The Denver Gas and Electric Co.; res., 365 So. Washington Ave., Denver, Colo. Mar. 27, 1903

WEBSTER, DWIGHT EDWARD, Engineer and Salesman, Westinghouse Electric and Mfg. Co., Denver, Colo. Apr. 23, 1903

WEBSTER, EDWIN S., Firm of Stone & Webster, 84 State St., Boston, Mass. Apr. 21, 1891

WEBSTER, WALTER COATES, Asst. to 2d Vice-President Westinghouse Electric and Mfg. Co., 120 Broadway, New York City. Jan. 3, 1902

WEIDMANN, OTTO WILLIAM, Student, Polytechnic Institute; res., 73 South 9th St., Brooklyn, N. Y. Mar. 27, 1903

WELCH, FRANK PHILLIP, Electrical Engineer, Ingarian Mining Co., Rebeldes No. 2, City of Mexico. Feb. 27, 1903

WELCKE, CELESTIN JOHN, Electrical Inspector, U. S. Navy Yard, Brooklyn; res., 237 West 112th St.; New York City. Aug. 22, 1902

WELLES, FRANCIS R., Manufacturer, 46 Avenue de Breteuil, Paris, France. Sept. 6, 1887

WELLMAN, HAROLD ROBINSON, Electrical Engineer, Motor Dept., General Inc. Arc Light Co., 529 W. 34th St., New York. Apr. 25, 1902

WELLMAN, SAMUEL THOMAS, President, The Wellman-Seaver-Morgan Engineering Co., New England Bldg., Cleveland, O. Jan. 23, 1903

WELLS, ARTHUR EDWIN, Consulting Engineer, 32 Liberty St.; res., 718 St. Nicholas Ave., New York City. May 19, 1903

WELLS, GEORGE EUGENE, Consulting Electrical Engineer, Ruebel & Wells, 1112 Chemical Building, St. Louis, Mo. Sept. 27, 1901

WELLS, JOHN ALLEN, Head of Marine Test, Testing Department, General Electric Co.; res., 15 Park Pl., Schenectady, N. Y. Apr. 23, 1903

WELLS, WALTER FARRINGTON, Supt. of Waterside Station, N. Y. Edison Co., 38th St. and First Ave., New York City Apr 26, 1899

WELZ, FRANK, Electrical Engineer, Department of Electricity, World's Fair, St. Louis, Mo. Jan. 23, 1903

WENGER, EDGAR I., Westinghouse Electric and Mfg. Co., Pittsburg, Pa. May 21, 1901

WENTZ, ROBERT FILMORE, Mechanical Designing and Constructing Engineer, Gen. Electric Co., Nazareth, Pa. Apr. 23, 1903

WESSELHOEFT, CHARLES DIETRICH, Electrical Engineer, Kohler Brothers; res., 749 So. Sawyer Ave., Chicago, Ill. Sept. 25, 1903

WESSLING, ALBERT GUSTAVE, Chief Engineer, Bullock Electric Mfg. Co.; res., 549 Milton St., Cincinnati, Ohio. Feb. 27, 1903

WEST, ERASTUS LOVETTE, Asst. to Electrical Engineer, J. G. White & Co., 22a College Hill, Cannon St., London E. C., Eng. Apr. 25, 1902

WEST, JULIUS HENRIK, Engineer, 20 Hallesche St., Berlin, S. W., Germany. Sept. 20, 1893

WESTINGHOUSE, GEORGE, President, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. May 20, 1902

WESTON, SYDNEY F., Marine Engine and Machine Co., 1123 Broadway, New York City. July 12, 1900

WETZLER, JEFFERSON, Secretary and Treasurer, Electrical Engineer Institute, 240 West 23d St., New York City. July 25, 1902

WEYMOUTH, THOMAS ROTE, Engineer, National Transit Co., 206 Seneca St., Oil City; res., Lock Haven, Pa. Nov. 22, 1901

WHEELER, WALTER SCOTT, Superintendent Franchise Dept., Board of Public Works, 711 23d Ave., Seattle, Wash. Sept. 25, 1903

WHEILDON, LOUIS B., Contractor and Expert, 1027 Exchange Building, Boston, Mass. Oct. 24, 1900

WHIPPLE, CYRUS AVERY, Student, Cornell University, 302 No. I St., Tacoma, Wash. June 19, 1903

WHITAKER, S. EDGAR, Street Railway Engineer, 43 Milk St., Boston; res., Woburn, Mass. Aug. 5, 1896

WHITAKER, JOHN SANBORN, Constructing Engineer, Rockingham County Light and Power Co., Portsmouth, N. H. Apr. 23, 1903

WHITE, CHAS. G., Public Schools Supt. and Instructor in Physics and Chemistry, Lake Linden, Mich. Sept. 23, 1896

WHITE, FRANCIS JOSEPH, Assistant in Electrical Engineering, Columbia University; res., 53 St. Johns Pl., Brooklyn, N. Y. Apr. 25, 1902

WHITE, HAROLD E., Designing Engineer, General Electric Co., res.; 128 Nott Terrace, Schenectady, N. Y. Apr. 23, 1903

WHITE, LINDEN G., Superintendent Electrical Department, The Columbus Railway and Light Co., Columbus, Ohio. Mar. 28, 1902

WHITE, RICHARD ALBERT, Electrical and Mechanical Engineer, Ford & Davis, 2104 First Ave., Birmingham, Ala. June 19, 1903

WHITE, WILLIAM WESLEY, Electrical Draftsman, The William Cramp & Sons Ship and Engine Building Co., Philadelphia. Apr. 23, 1903

WHITEHEAD, JOHN B., JR., Associate in Applied Electricity, Johns Hopkins University, Baltimore, Md. Oct. 24, 1900

WHITEHOUSE, LOUIS CAMMANN, Student, Stevens Institute of Technology, Hoboken, N. J.; res., New Brighton, N. Y. Apr. 23, 1903

WHITESIDE, WALTER HUNTER, Manager Westinghouse E. & M. Co., res.; 6843 Thomas Boulevard, Pittsburg, Pa. Jan. 24, 1902

WHITING, ALLAN H., Automobile Engineer, 120 West 55th St., New York City. Nov. 18, 1896

WHITING, S. E., Instructor in Electrical Engineering, Harvard University; res., 11 Ware St., Cambridge, Mass. May 16, 1899

WHITMORE, W. G., Electrical Engineer, General Electric Co., Edison Building, New York City. Mar. 18, 1890

WHITNEY, CLINTON EUGENE, Electrical and Mechanical Engineer, 553 South Sixth Ave., Mt. Vernon, N. Y. Nov. 22, 1899

WHITNEY, EDDY RUSSEL, Engineer, General Electric Co., Lynn; res., 7 Elmwood Terrace, Swampscott, Mass. May 19, 1903

WHITNEY, HENRY M., India Wharf, Boston, Mass. July 12, 1887
[Life Member.]

WHITNEY, WILLIS R., Asst. Prof. Theoretical Chemistry, Massachusetts Institute Technology, in charge of Electrochemical Research Laboratory, General Elec. Co., Schenectady, N. Y. May 21, 1901

WHITTED, THOS. BYRD, District Engineer, The General Electric Co., Denver, Col. Mar. 22, 1899

WHITTEMORE, GEORGE W., Engineer, Bell Telephone Co., 24 W. Seneca St., Buffalo, N. Y. Jan. 3, 1902

WHITTLESEY, JAMES THOMAS, Chief Engineer, Elec. Dept., Public Service Corporation, Newark, N. J. Nov. 20, 1903

WIARD, JOHN BULKLEY, Assistant Engineer, General Electric Co.; res., 11 Shepard St., Lynn, Mass. Apr. 23, 1903

WIDDICOMBE, ROBERT A., Engineer and Superintendent, Kroeschell Bros., Co., 55 Erie St.; res., 1651 Roscoe St., Chicago, Ill. Apr. 26, 1899

WIECHMANN, FERDINAND G., Consulting Chemist, The Sawyer-Man Electric Co.; res., 310 West 80th St., New York City. Sept. 25, 1903

WIEDERHOLD, OSCAR, Supt. Natural Light Supply Co., 90 Orange St.; res., 14 Grace St., Bloomfield, N. J. Aug. 13, 1897

WIESELGREEN, CARL EMIL, 4 Lilla torget Gothenburg, Sweden. Oct. 24, 1900

WILDER, HENRY WINDSOR, Electrical Engineer, Installation Dept., Western Electric Co., 933 Market St., Philadelphia. Sept. 27, 1901

WILDER, STUART, Westchester Lighting Co., Mt. Vernon, N. Y. May 20, 1902

WILDMAN, LEONARD D., Captain U. S. Signal Corps, Washington, D. C. Mar. 27, 1903

WILER, CARL, Electrical Engineer, Western Electric Co., Chicago, Ill. Sept. 27, 1901

WILEY, GEO. LOURIE, Manager, Standard Underground Cable Co., 56 Liberty St., New York; res., Arlington, N. J. Feb. 28, 1900

WILEY, ROY RODNEY, Electrical Engineer, The Packard Electric Co., Ltd., St. Catharines, Ont. July 28, 1903

WILEY, WM. H., Scientific Expert, 43 E. 19th St., New York City. Feb. 7, 1888

WILHOIT, FREDERIC SHELTON, Assistant Supt., The Cutler-Hammer Mfg. Co.; res., 911 State St., Milwaukee, Wis. May 19, 1903

WILKES, C. M., Engineer, D. H. Burnham & Co., 1142 The Rookery Chicago, Ill. Nov. 22, 1890

WILKINS, EDGAR MORRIS, 107 Park Ave. (East) Savannah, Ga. Dec. 19, 1902

WILKINSON, JAMES, Chief Engineer Birmingham Railway, Light and Power Co., Birmingham. Ala. Feb. 28, 1902

WILLCOX, FRANCIS WALLACE, Assistant to Manager, Lamp Sales Dept. Edison Lamp Works, G. E. Co., Harrison, N. J. Mar. 27, 1903

WILLIAMS, ARTHUR, General Inspector, The New York Edison Co., 57 Duane St., New York City. June 23, 1897

WILLIAMS, CHARLES, JR., Electrician, 1 Arlington St., East Somerville Mass. Apr. 15, 1884

WILLIAMS, HERBERT HOWARD, 442 East Michigan St., Marquette, Mich. Feb. 27, 1903

WILLIAMS, ROBERT NEIL, (*Local Secretary*), Instructor in Electrical Engineering, Union College, Schenectady, N. Y. Aug. 22, 1902

WILLIAMS, WILLIAM HENRY, Professor of Electrical Engineering, University of Illinois, Urbana, Ill. Sept. 28, 1898

WILLIAMSON, ROBERT BAIRD, Principal of School of Electrical Engineering, The International Corr. Schools, Scranton, Pa. Oct. 24, 1902

WILLIS, SAMUEL THAYER, 148 Lincoln St., Worcester, Mass. Nov. 20, 1903

WILLISTON, H. S., Manager, Peerless Electric Co., 6 Wall St., New York City. Nov. 21, 1902

WILSON, HAROLD RUDOLF, Sales Engineer, Stanley Electric Mfg. Co., 616 Century Building, St. Louis, Mo. July 28, 1903

WILSON, HENRY CLINTON, Chief Engineer, American Compound Bearing Co., 25 Broad St., New York City. Sept. 27, 1901

WILSON, HUGH HEATHLEY, General Foreman of Power House, Westinghouse Electric and Mfg. Co., Pittsburg, Pa. June 19, 1903

WILSON, JAMES A., General Electric Co., 84 State St., Boston, Mass. Apr. 23, 1903

WILSON, J. ROBERTS, Salesman, Crocker-Wheeler Co., 816 New England Building, Cleveland, Ohio. May 27, 1903

WILSON, LEONARD, Electrical Engineer, Stanley Electric and Mfg. Co.; res., Beech Grove Inn, Pittsfield, Mass. Sept. 26, 1902

WILSON, NORMAN JAMES, Electrical Engineer, British W. E. & M. Co., Ltd., Trafford Park Works, nr. Manchester, Eng. Apr. 25, 1902

WILSON, ROBERT LEE, District Engineer, Westinghouse Electric and Mfg. Co., 120 Liberty St., New York City. June 28, 1901

WILSON, ROBERT M., Supt., Montreal Light, Heat and Power Co., Richelieu Village; res., 23 Seymour Ave., Montreal, P. Q. Jan. 25, 1899

WILTBERGER, BERTRAM P., Draftsman, New York Edison Co., 55 Duane St., New York City; res., Brooklyn, N. Y. Mar. 27, 1903

WINCHESTER, SAMUEL B., Superintendent, Eleotrical Dept., Holyoke Water Power Co., 5 Laurel St., Holyoke, Mass. May 15, 1894

WINFIELD, JAMES H., General Manager, Nova Scotia Telephone, Ltd., Halifax, N. S. May 17, 1898

WINN, JOHN EDWARD, Superintendent of Meter Dept., The Cincinnati Gas and Electric Co., 220 W. 8th St., Cincinnati, O. May 20, 1902

WINSHIP, WALTER EDWIN, Electrical Engineer, Gould Storage Battery Co., 25 W. 33d St., New York City. May 19, 1903

WINSLOW, CHARLES GARDNER, New York Central and Hudson River R.R., 5 Vanderbilt Ave.; res., Mount Vernon, N. Y. Aug. 22, 1902

WINSLOW, I. E., The General Traction Company, Ltd., 20 Bishopsgate St., (within) London E. C., Eng. Nov. 12, 1889

WINTNER, LOUIS, Engineer Switchboard Dept., General Incandescent Arc Light Co., 527 West 34th St., New York City. May 21, 1901

WINTRINGHAM, J. P., Theorist, Mills Building, 35 Wall St., New York City; res., 135 Henry St., Brooklyn, N. Y. May 7, 1889

WIRT, HERBERT C., Engineer, Supply Department, General Electric Co., Schenectady, N. Y. June 26, 1891

WISE, JOHN SHREEVE, JR., Assistant Supt., Auburn Light, Heat and Power Co., Auburn, N. Y. Feb. 15. 1896

WOHLAUER, ALFRED, Student, Testing Dept., General Electric Co.; res., 211 Liberty St., Schenectady, N. Y. Nov. 20, 1903

WOLF, LEE H., Contracting and Engineering, Honolulu, H. T. Oct. 24, 1900

WOLFE, JOSEPH THOMAS, General Engineer and Sales Agent, Noyes Bros., 17 Queen St., Melbourne, Victoria. June 28, 1901

WOLFF, FRANK A., JR., Professor of Physics and Electrical Engineering, Columbian University, and in office U. S. Standard Weights and Measures, Washington, D. C. Dec. 27, 1896

WOLFF, SALOMON, Bullock Electric Mfg. Co.; res. 1378 Myrtle Ave., Cincinnati, Ohio. Feb. 27, 1903

WOOD, ARTHUR J., Professor of Mechanical and Electrical Engineering, Delaware College, Newark, Del. Dec. 28, 1898

WOOD, BENJAMIN FRANKLIN, Asst. Engineer, Motive Power Department, P. R. R., Altoona, Pa. July 28, 1903

WOOD, CHARLES P., Chief Draftsman, The Triumph Electric Co., 610 Baymiller St., Cincinnati, Ohio. Mar. 27, 1903

WOODBRIDGE, J. E., Railway Engineering Dept., General Electric Co., Schenectady, N. Y. Oct. 26, 1898

WOODBURY, CHARLES JEPHTA HILL, Assistant Engineer, American Telephone and Telegraph Co., 125 Milk St.,Boston,Mass. Aug. 22, 1902

WOODBURY, DANIEL CORYTON, N. Y. C. & H. R. R. R., 5 Vanderbilt Ave., New York City. Apr. 25, 1902

WOODFIELD, SYDNEY, Assistant Engineer, Brush Electrical Engineering Co., Ltd., London, S. E., Eng. Feb. 28, 1902

WOODHOUSE, ALBERT LLOYD, General Supt. of Utah Dept, The Telluride Power and Transmission Co., Provo City, Utah. Aug. 22, 1902

WOODROOFE, WILLIAM TURTON, Dynamo Tender, The B. C. Electric Railway Co., Ltd., 1423 Georgia St., Vancouver, B. C. Apr. 23, 1903

WOODWARD, CORNELIUS WENDELL, Purchasing Agt., Electric Storage Bat. Co., 19th St. & Allegheny Ave. Philadelphia. Sept. 26, 1902

WOODWARD, FREDERICK SEARLE, 240 Madison St., Brooklyn, N. Y. June 28, 1901

WOODWARD, HENRY WILMOT, Secretary, The Cleveland Engineering Co., 1210 New England Building, Cleveland, Ohio. May 19, 1903

WOODWORTH, GEO. K., Assistant Examiner, U. S. Patent Office; res., 4 R. St., N. W., Washington, D. C. Feb. 17, 1897

WOODWORTH LEON BYRON, Electrical Engineer, New Heriot Gold Mining Co., Johannesburg, Transvaal. Nov. 23, 1900

WOODWORTH, PHILIP BELL, Professor of Electrical Engineering, Lewis Institute, Chicago; res., 5808 Ohio St., Austin, Ill. July 12, 1900

WOOLF, ALBERT E., Electrician and Inventor, The Electrozone Co., 832 West End Ave., New York City. Sept. 16, 1890

WOOLFENDEN, HENRY L., President and Chief Engineer, Gilbert Wilkes & Co., 436 17th St., Denver, Colo. Mar. 27, 1903

WOOLFORD, WILLIAM ALLEN, General Electric Co., Richmond, Va. Oct. 24, 1902

WOOLLISCROFT, JOHN HAROLD, Chief Assistant Electrical Engineer, The Sandycroft Foundry Co., Ltd., Chester, Eng. May 19, 1903

WORSWICK, A. E., V. P. and Resident Engineer, Compania Limitada de Tramvias Electricos de Mexico, Mexico City. Sept. 20, 1893

WOY, FRANK PALMER, Assistant to Electrical Engineer, J. G. White & Co., 29 Broadway; New York City. July 28, 1903

WRAY, J. GLEN, Superintendent of Maintenance, Chicago Telephone Co., 510 Eday St., Chicago, Ill. Sept. 20, 1893

WRIGHT, CHARLES HARVEY, Engineer Canadian General Electric Co., 14 King St., E., Toronto, Ont. Dec. 18, 1903

WRIGHT, FRANK THOMAS, Draftsman, Underground Electric RailwaysCo., Hamilton House, Victoria Emb. London. Oct. 23, 1903

WRIGHT, GILBERT, Electrical Engineer, The Stanley Electric Mfg. Co., Pittsfield, Mass. June 19, 1903

WRIGLEY, GEORGE, Assistant, Engineering Department, General Electric Co., Schenectady, N. Y. Dec. 19, 1902

WUNDERLICH, ADOLPH, Electrical Engineer, Johnson & Phillips; res., Blackheath, London, S. E., Eng. July 28, 1903

WURDACK, HUGO, Superintendent of Electric Station, Laclede Gas Light Co.; res., 1221 Euclid Ave., St. Louis, Mo. Dec. 18, 1903

WURSTER, FREDERICK WILLIAM, JR., Student, Polytechnic Institute; res., 170 Rodney St., Brooklyn, N. Y. Jan. 23,1903

WYLLIE, ROBERT EDWARD, Captain U. S. Artillery Corps, Fort Terry, N. Y. Sept. 25, 1903

WYMAN, WALTER S., Manager, Messalonskee Electric Co., and Oakland Electric Co., Waterville, Me. Jan. 23, 1903

WYNN, JOHN G., Engineer Northern Electric Mfg. Co.; res., 1223 Jenifer St., Madison, Wis. Dec. 18, 1903

YAMAZAKI, SHIRO, Chief Engineer, Keihin Electric Ry Co., Kawaski, Kanagawaken, Japan. Jan. 24, 1902

YEARSLEY, EUGENE WILSON, Asst. Electrical Engineer, Otis Elevator Co., Yonkers; res., Grand Union Hotel, New York City. Mar. 27, 1903

YENSEN, PETER, General Manager, The Cleveland Telephone Co., Telephone Building, Cleveland, Ohio. Mar. 27, 1903

YORKE, GEORGE MARSHALL, Asst. Engineer, American Tele. and Telegraph Co., 15 Dey St.; res., 44 Irving Pl., New York. Apr. 25, 1902

YOUNG, CHARLES L., Electrical Engineer, Westinghouse Elec. & Mfg. Co., 11 Pine St., New York City. June 27, 1895

YOUNG, FREDERICK WILLIAM, Chief Tester, Crocker-Wheeler Co., Ampere N. J.; res., 47 William St., East Orange, N. J. Aug. 22, 1902

YOUNG, JOHN MASON, Student in Electrical Engineering, Cornell University; res., 111 Osmun Pl., Ithaca, N. Y. Sept. 26, 1902

YOUNG, JAMES WATTS, Superintendent of Lines, Bell Telephone Co.; res., 36 So. 21st St., Philadelphia, Pa. Dec. 18, 1903

YSLAS, CARLOS, Civil and Electrical Engineer, Martinez del Villar, Yslas & Co., Calle Principal, No. 8, Jalapa, V. C., Mexico. Nov. 18, 1896

ZABEL, MAX W., Metropolitan Telephone and Electric Co., 610 Wilson Ave.; res., 454 North Ave., Chicago, Ill. Jan. 24, 1900

ZABRISKIE, HENRY LYLES, Electrical Engineer, Diehl Mfg. Co., Elizabeth, N. J.; res., 28 Regent Pl., Brooklyn, N. Y. Mar. 27, 1903

ZALINSKI, EDMUND L., Captain of Artillery, U. S. A., (retired) The Century, 7 West 43d St., New York City. May 17, 1887

ZANI, ARNALDO, P. Electrical Engineer, English Electric Mfg. Co., Ltd., Preston, Lancashire, Eng. July 12, 1900

ZAPATA, J. M., Constructing Engineer, Sociedad Hidroelectrica Yberica, Bilbao, Spain. Feb. 28, 1900

ZAPP, LOUIS MILTON, Indiana Union Traction Co., 917 Jackson St., Anderson, Ind. Sept. 25, 1903

ZURFLUH, WILLIAM NICHOLAS, Superintendent Home Lighting Power & Heating Co., Arcade Building, Springfield, Ohio. Jan. 3, 1902

ZWIETUSCH, EDWARD OTTO, Electrical Engineer, Telephon Apparat Fabrik Petsch, Z. & Co., Salzufer 7, Charlottenburg, Ger. Nov. 22, 1901

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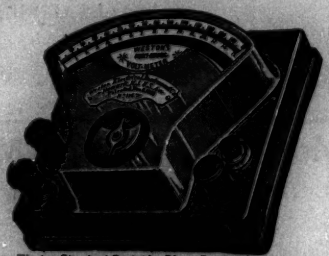

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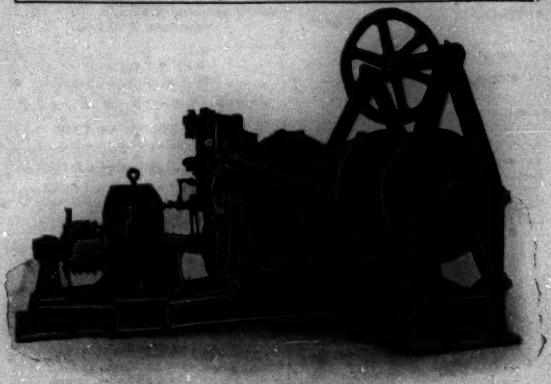

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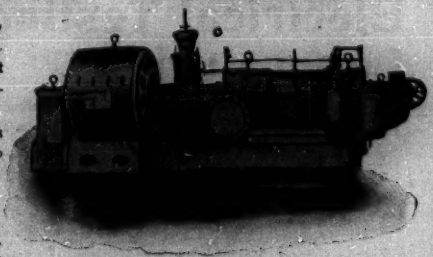

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